



# भारत का राजपत्र The Gazette of India

साप्ताहिक/WEEKLY

प्राधिकार से प्रकाशित  
PUBLISHED BY AUTHORITY

सं० 39] नई दिल्ली, शनिवार, सितम्बर 25—अक्टूबर 1, 2004 (आश्विन 3, 1926)  
No. 39] NEW DELHI, SATURDAY, SEPTEMBER 25—OCTOBER 1, 2004 (ASVINA 3, 1926)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।  
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

## भाग III—खण्ड 2

### [PART III—SECTION 2]

[पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस]  
[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

#### THE PATENT OFFICE PATENTS AND DESIGNS

Kolkata, the 25th September 2004

#### ADDRESSES AND JURISDICTION OF THE OFFICES OF THE PATENTS OFFICE

The Patent Office has its Head Office at Kolkata and Branch Offices at Mumbai, Delhi and Chennai having Territorial Jurisdiction on a Zonal basis as shown below:—

1. Patent Office Branch,  
Todi Estates, IIIrd Floor,  
Sun Mill Compound,  
Lower Parel (West),  
Mumbai-400 013.

The States of Gujarat,  
Maharashtra, Madhya Pradesh  
and Goa and the Union  
Territories of Daman and  
Diu & Dadra and Nagar Haveli.

Telegraphic Address "PATOFFICE"  
Phone Nos. (022) 2492 4058, 2496 1370, 2492 3684,  
2490 3852  
Fax Nos. (022) 2495 0622, 2490 3852  
E-mail: patmum@vsnl.net

2. Patent Office Branch,  
W-5, West Patel Nagar,  
New Delhi-110 008.

The States of Haryana,  
Himachal Pradesh,  
Jammu and Kashmir,  
Punjab, Rajasthan,  
Uttar Pradesh and Delhi and the  
Union Territory of Chandigarh.

Telegraphic Address "PATENTOFIC"  
Phone Nos. (011) 2587 1255, 2587 1256,  
2587 1257, 2587 1258.  
Fax No. (011) 2587 1256.  
E-mail: delhipatent@vsnl.net

3. Patent Office Branch,  
Guna Complex, 6th Floor, Annex-II,  
443, Annasalai, Teynampet,  
Chennai-600 018.

The States of Andhra Pradesh,  
Karnataka, Kerala, Tamil Nadu and  
Pondicherry and the Union  
Territories of Laccadive, Minicoy and  
Aminidivi Islands.

Telegraphic Address "PATENTOFFIC"  
Phone Nos. (044) 2431 4324/4325/4326.  
Fax Nos. (044) 2431 4750/4751.  
E-mail. patentchennai @ vsnl. net

4. Patent Office (Head Office),  
Nizam Palace, 2nd M.S.O. Building,  
5th, 6th & 7th Floor,  
234/4, Acharya Jagadish Bose Road,  
Kolkata-700 020.

Rest of India

Telegraphic Address "PATENTS"  
Phone Nos. (033) 2247 4401/4402/4403.

Fax Nos. (033) 2247 3851, 2240 1353.

E-mail. patentin @ vsnl. com  
patindia @ giascl01. vsnl. net. in

Website : <http://www. ipindia. nic. in>

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 and the Patents (Amendment) Act, 2002 or by The Patents Rules, 2003 will be received only at the appropriate offices of the Patent Office.

Fees : The fees may either be paid in cash or may be sent by Bank Draft or Cheques payable to the Controller of Patents drawn on a scheduled Bank at the place where the appropriate office situated.

### पेटेंट कार्यालय

एकस्य तथा अभिकल्प

कोलकाता, दिनांक 25 सितम्बर 2004

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कोलकाता में अवस्थित है तथा मुम्बई, दिल्ली एवं चेन्नई में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जौन के आधार पर निम्न रूप में प्रदर्शित हैं:--

1. पेटेंट कार्यालय शाखा,  
टोडी इस्टेट, तीसरा तल,  
सन मिल कम्पाउंड,  
लोअर परेल (वेस्ट),  
मुम्बई - 400 013 ।

गुजरात, महाराष्ट्र तथा मध्य प्रदेश  
तथा गोआ राज्य क्षेत्र एवं  
संघ शासित क्षेत्र, दमन तथा दीव एवं  
दादर और नगर हवेली ।

तार पता : "पेटेंटफिस"

फोन : (022) 2492 4058, 2496 1370, 2490 3684, 2490 3852

फैक्स : (022) 2495 0622, 2490 3852

ई. मेल : patmum@vsnl.net

2. पेटेंट कार्यालय शाखा,  
डब्ल्यू-5, वेस्ट पटेल नगर,  
नई दिल्ली - 110 008 ।

हरियाणा, हिमाचल प्रदेश, जम्मू  
तथा कश्मीर, पंजाब, राजस्थान,  
उत्तर प्रदेश तथा दिल्ली राज्य  
क्षेत्रों एवं संघ शासित क्षेत्र चंडीगढ़ ।

तार पता : "पेटेंटोफिक"

फोन : (011) 2587 1255, 2587 1256, 2587 1257,  
2587 1258.

फैक्स : (011) 2587 1256.

ई. मेल : delhipatent@vsnl.net

3. पेटेंट कार्यालय शाखा,  
गुणा कम्प्लेक्स, छठा तल, एनक्स-II,  
443, अन्नासलाई, तैनामपेट,  
चेन्नई - 600 018 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु  
तथा पाण्डिचेरी राज्य क्षेत्र एवं संघ  
शासित क्षेत्र लक्षद्वीप, मिनिक्काय तथा एमिनिदिव द्वीप ।  
तार पता - "पेटेंटोफिक"

फोन : (044) 2431 4324/4325/4326.

फैक्स : (044) 2431 4750/4751.

ई. मेल : patentchennai@vsnl.net

4. पेटेंट कार्यालय (प्रधान कार्यालय),  
विजयम पैलेस, द्वितीय बहुतलीय कार्यालय  
भवन, 5वां, 6वां व 7वां तल,  
234/4, आचार्य जगदीश बोस मार्ग,  
कोलकाता - 700 020 ।

भारत का अवशेष क्षेत्र ।

तार पता - "पेटेंट्स"

फोन : (033) 2247 4401/4402/4403.

फैक्स : (033) 2247 3851, 2240 1353.

ई. मेल : patentin@vsnl.com

patindia@giascl01.vsnl.net.in

वेब साइट : <http://www. ipindia. nic. in>

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 2002  
अथवा पेटेंट नियम, 2003 द्वारा अपेक्षित सभी आवेदन, सूचनाएं, विवरण  
या अन्य दस्तावेज या कोई फीस पेटेंट कार्यालय के केवल समुचित  
कार्यालय में ही ग्रहण किए जाएंगे ।

शुल्क : शुल्कों की अदायगी या तो नकद की जाएगी अथवा  
जहां उपयुक्त कार्यालय अवस्थित है, उस स्थान के अनुसूचित बैंक से  
नियंत्रक, पेटेंट को भुगतान योग्य बैंक ड्राफ्ट अथवा बैंक द्वारा की जा  
सकती है ।

## CORRIGENDUM

In the Gazette of India, Part III—Section 2 dated 2nd November, 2002 in page No. 2669, application for Patent No. 733/Del/93 (188768) filed on 14th July, 1993 read the Inventor(s) WILLIAM DOUGLAS SNIDER, OF 60 PINFOLD CLOSE, REPTON, DERBY, DE6 6FR, UNITED KINGDOM instead of Jean-Paul Guerlet, of 11 Rue Paul Bert, 75011 Paris, France and Claude Lambert, of 14 Rue de la Butte aux Bergers, 95470 Saint-Witz, France.

## GRANT OF EXCLUSIVE MARKETING RIGHT (EMR)

One application for grant of EMR dated 10.10.2003 filed by ELI LILLY AND COMPANY, A U.S. INDIANA CORPORATION OF LILLY CORPORATE CENTER INDIANAPOLIS, IN 46285, UNITED STATES OF AMERICA on the TADALAFIL IN ITS DOSES FORMS as approved by the appropriate authority against the Patent application No. 85/Del/95 dated 23.01.1995 was allowed on 26.08.2004.

Grant of EMR to ELI LILLY AND COMPANY, A U.S. INDIANA CORPORATION OF LILLY CORPORATE CENTER, INDIANAPOLIS, IN 46285, UNITED STATES OF AMERICA on 26.08.2004 in respect of TADALAFIL IN ITS DOSES FORMS as approved by the appropriate authority against the Patent application No. 85/Del/95 dated 23.01.1995 has been stayed by virtue of the order of Hon'ble High Court, Calcutta dated 30.08.2004 against the Writ petition filed by Ajanta Pharma Ltd. Vide A. S. T. No. 1552 (W) of 2004.

***Application for the patent filed at The Patent Office, Kolkata.*****19/8/04**

New Application No	Applicant Details
494/KOL/2004	ETHICON INC.; , 22/08/2003, United States of America; "MIST STERILIZATION SYSTEM."
495/KOL/2004	SAMSUNG ELECTRONICS CO . LTD.; , 20/08/2003, 01/10/2003, 07/10/2003., Korea; "METHOD AND APPARATUS FOR SCHEDULING UPLINK PACKET TRANSMISSION IN A MOBILE COMMUNICATION SYSTEM."
496/KOL/2004	KELLOGG BROWN & ROOT INC.; , 14/01/2004, United States of America; "INTEGRATED CATALYTIC CRACKING AND STEAM PYROLYSIS PROCESS FOR OLEFINS."

**20/8/04**

New Application No	Applicant Details
497/KOL/2004	KHS MASCHINEN - UND ANLAGENBAU AG.; , 02/09/2003, Germany; "FILTER DEVICE"
498/KOL/2004	MASCHINENFABRIK RIETER AG.; , 10/09/2003, Germany; "AN ARRANGEMENT IN A SPINNING MACHINE FOR CONDENSING A FIBRE STRAND."
499/KOL/2004	NEUTROGENA CORPORATION.; , 21/08/2003, United States of America; "STABILIZED COMPOSITIONS CONTAINING AN OXYGEN- LABILE ACTIVE AGENT."
500/KOL/2004	ETHICON ENDO-SURGERY INC.; , 20/08/2003, United States of America; "METHOD AND APPARATUS TO FACILITATE NUTRITIONAL MALABSORPTION."

**23/8/04**

New Application No	Applicant Details
501/KOL/2004	BRITISH TELECOMMUNICATIONS .; , 15/04/1997 16/04/1998, England; "DESIGN OF COMPUTER NETWORKS"
502/KOL/2004	BRITISH TELECOMMUNICATIONS .; , 15/04/1997, 16/04/1998, England; "NETWORK CONFIGURATOR TOOL."



**24/8/04**

New Application No	Applicant Details
503/KOL/2004	DIGIANA CO. LTD.; , 09/06/2004, Korea; "SYSTEM FOR CHARGING ROYALTY OF COPYRIGHTS IN DIGITAL MULTIMEDIA BROADCASTING AND METHOD THEREOF."
504/KOL/2004	CHING-SONG CHEN; ; "SAUNA APPARATUS "
505/KOL/2004	SHELLEY BHATTACHARYA ; West Bengal, India; "A PROCESS FOR THE DEVELOPMENT OF IMMOBILIZED ENZYMES "
506/KOL/2004	FIN-OMET S.R.L.; , 04/09/2003, 04/06/2004, Italy; "SYSTEM OF PUNCHING OR PRINTING "
507/KOL/2004	ATLAS MATERIAL TESTING TECHNOLOGY GMBH.; , 18/09/2003, Germany; "CONTACTLESS MEASUREMENT OF THE SURFACE TEMPERATURE OF NATURALLY OR ARTIFICIALLY WEATHERED SAMPLES ."
508/KOL/2004	KABUSHIKI KAISHA MORIC.; , 04/09/2003, 01/07/2004, 18/08/2004., Japan; "ELECTRIC GENERATOR FOR INTERNAL COMBUSTION ENGINE."

**25/8/04**

New Application No	Applicant Details
509/KOL/2004	MCNEIL-PPC ,INC; , 29/08/03, United States of America; "DISPOSABLE ABSORBENT ARTICLES."
510/KOL/2004	LIFESCAN, INC; , 28/08/2003, 28/08/2003, United States of America; "ANALYTICAL DEVICE WITH PREDICTION MODULE AND RELATED METHODS."

**26/8/04**

New Application No	Applicant Details
511/KOL/2004	DBT AMERICA INC.; , 07/10/2003, United States of America; "METHOD AND APPARATUS FOR SAFETY PROTECTION OF TEMPORARY ROOF SUPPORT."
512/KOL/2004	HALDEX BRAKE CORPORATION.; , 27/08/2003, United States of America; "PUMP VALVE ASSEMBLY."
513/KOL/2004	SAMSUNG ELECTRONICS CO.. LTD.; , 26/08/2003, Korea; "METHOD AND APPARATUS FOR SCHEDULING ASSIGNMENT OF UPLINK PACKET TRANSMISSION IN MOBILE TELECOMMUNICATION SYSTEM."
514/KOL/2004	WALTER AG.; , 03/09/2003, Germany; "MILLING TOOL HAVING AN ADJUSTABLE INSERT SEAT."

## IN/PCT APPLICATION DETAILS

SI No	National Phase Application No & date	Corresponding PCT Application No & Date	Priority Document No. & Date	Country	Applicant Details	Title of Invention	IPC Classes
1	2228/DELNP/2004 Dt: 02/08/2004	PCT/US02/41524 Dt: 26/12/2002	10/062,791 dt. 30/1/2002 USA	United States of America	RF Saw Components, Incorporated, 900 Alpha Drive, Suite 400, Richardson, TX 75081, US"	Object-naming net work infrastructure for identification tags and method of operation thereof.	G06f 17/30
2	2229/DELNP/2004 Dt: 02/08/2004	PCT/US02/41523 Dt: 26/12/2002	10/062,894 dt. 30/1/2002 USA	United States of America	RF Saw Components, Incorporated, 900 Alpha Drive, Suite 400, Richardson, TX 75081, US"	Transmission method which combines pulse position and phase modulation and allows more than one pulse to be active per time period.	H04L 25/49
3	2230/DELNP/2004 Dt: 02/08/2004	PCT/US02/41522 Dt: 26/12/2002	10/066,249 dt. 30/1/2002 USA	United States of America	RF Saw Components, Incorporated, 900 Alpha Drive, Suite 400, Richardson, TX 75081, US"	Reader for a high information capacity saw identification tag and method of use thereof.	G06K 19/067
4	2231/DELNP/2004 Dt: 02/08/2004	PCT/US02/41258 Dt: 26/12/2002	10/062,833 dt. 30/1/2002 USA	United States of America	RF Saw Components, Incorporated, 900 Alpha Drive, Suite 400, Richardson, TX 75081, US"	Method and apparatus for combining phase shift keying and pulse position modulation.	H04L 25/49
5	2232/DELNP/2004 Dt: 02/08/2004	PCT/US02/41521 Dt: 26/12/2002	10/066,173 dt. 30/1/2002 USA	United States of America	RF Saw Components, Incorporated, 900 Alpha Drive, Suite 400, Richardson, TX 75081, US"	Modulation by multiple pulse per group keying and method of using	H04L 27/02

6	2233/DELNP/2004 Dt : 02/08/2004	PCT/GB02/05414 Dt : 02/12/2002	0128816.6 dt. 1/12/2001 GB	Great Britain	Alpha Drive, Suite 400, Richardson, TX 75081, US  Cambridge University Technical Services Limited, The Old Schools, Trinity Lane, Cambridge, CB2 1TS, GB	the same.  Materials processing method and apparatus.	C22B34/12
7	2234/DELNP/2004 Dt : 02/08/2004	PCT/GB02/05414 Dt : 02/12/2002	0128816.6 dt. 1/12/2001 GB	Great Britain	Cambridge University Technical Services Limited, The Old Schools, Trinity Lane, Cambridge, CB2 1TS, GB	Materials processing method and apparatus.	C22B34/12
8	2235/DELNP/2004 Dt : 02/08/2004	PCT/AU03/00103 Dt : 31/01/2003	PS 0198 dt. 31/1/2002 Australia.	Australia	Chemstop Pty. Ltd., 124A, Waratah Avenue, Dealkeith, Western Australia 6009, Australia.	Process for the preparation of a nutrient formulation.	A61K41/00
9	2236/DELNP/2004 Dt : 02/08/2004	PCT/FR03/00339 Dt : 04/02/2003	02/01260 dt. 4/2/2002 France.	France	Praxoell, 29, rue Jeanne Marvig, F-31400 Toulouse, France.	Device that facilitates the handling of an animal cornea and, in particular, a human cornea.	A61F1/14
10	2237/DELNP/2004 Dt : 02/08/2004	PCT/AU02/01765 Dt : 23/12/2002	PR 9788 dt. 2/1/2002 Australia.	Australia	Bioglobal Pty. Ltd., 226 Grindle Road, Wacol, Queensland, 4075, Australia.	Noctuid attractant composition.	A01N31/14

11	2238/DELNP/2004 Dt.: 02/08/2004	PCT/US03/00002 Dt.: 03/01/2003	50/344,055 dt. 3/4/2002 US 31/1/2002	United States of America	Herbal 2000, LLC 5901 Montrose Road, No. N 105, Rockville, MD 20852, USA	Method and compound for the prophylaxis or treatment of an immunodeficiency condition, such as aids.	A61B
12	2239/DELNP/2004 Dt.: 02/08/2004	PCT/FR03/00656 Dt.: 28/02/2003	FR 0202575 dt. 1/3/2002	France	LVMH Recherche, 185 Avenue de Verdun, 45800 Saint Jean De Braye, France.	Cosmetic use of phyto-sphingosine as a slimming agent and cosmetic compositions containing phyto-sphingosine.	A61K7/48
13	2240/DELNP/2004 Dt.: 02/08/2004	PCT/KR04/1488 Dt.: 21/06/2002	P10-2003- 45825, P10-2003- 48747 & P10- 2003-56540 dt. 7/7/2003, 16/7/2003 & 14/8/2003 Korea	Korea	L G Electronics Inc., 20, Yoido- Dong, Youngdungpo-gu, Seoul Korea	Recording medium, method of configuring control information thereof, recording and/or reproducing method using the same, and apparatus thereof.	G11B 23/03
14	2241/DELNP/2004 Dt.: 02/08/2004	PCT/KR03/00048 Dt.: 10/01/2003	2002-05389 & 2001-10700 dt. 30/1/200 & 21/2/2002 Korea	Korea	L G Electronics Inc., 20, Yoido- Dong, Youngdungpo-gu, Seoul Korea	Method for scrambling packet data using variable slot length and apparatus thereof.	H04B7/26
15	2242/DELNP/2004 Dt.: 02/08/2004	PCT/KR04/1574 Dt.: 29/06/2004	2003-45824, 2003- 48747, 2003- 63591 & 2003- 65628 dt. 7/7/2003, 16/7/2003, 15/9/2003 & 22/9/2003 Korea.	Korea	L G Electronics Inc., 20, Yoido- Dong, Youngdungpo-gu, Seoul Korea	Recording medium, method of configuring control information thereof, recording and/or reproducing method using the same, and apparatus thereof.	G11B 7/00
16	2243/DELNP/2004	PCT/KR04/1550	2003-56540, 2003- 63591 & 2003-	Korea	L G Electronics Inc., 20, Yoido-	Recording medium, method of configuring	G11B 7/00

	Dt : 02/08/2004	Dt : 25/06/2004	65628 dt. 14/8/2003, 15/9/2003, 22/9/2003 Korea.		Dong, Youngdunpo-gu, Seoul Korea	control information thereof, recording and/or reproducing method using the same, and apparatus thereof.	
17	2244/DELNP/2004	PCT/US02/40556	10/037 827, 10/040 568, 10/206 661 & 10/205,751 dt. 31/12/2002. 4/1/2002. 26/7/2002 USA	United States of America	First Data Corporation, 12500 East Belford Avenue, Englewood, Colorado 80112- 5939, USA	Money transfer systems and methods.	G06F
18	2245/DELNP/2004	PCT/US03/02811	10/066,459 dt. 31/1/2002 USA	United States of America	Colgate-Palmolive Company, 300 Park Avenue, New York, NY 10022, USA	Powered Toothbrush.	A61C17/39
19	2246/DELNP/2004	PCT/US03/02762	10/066,459 & 10/119,222 dt. 31/1/2002 & 9/4/2002 USA	United States of America	Colgate-Palmolive Company, 300 Park Avenue, New York, NY 10022, USA	Powered Toothbrush.	A61c17/34
20	2247/DELNP/2004	PCT/EP2003/001052	102 07 394.5 dt. 21/2/2002 Germany.	Germany	LTS Lohmann Therapie-Systeme AG, Lohmannstrasse 2, 56626 Andernach, Germany.	Taste-masked film-type or wafer-type medicinal preparation.	A61K9/70
21	2248/DELNP/2004	PCT/US03/03307	60/353,177 & 60/433,956 dt. 4/2/2002 & 18/12/2002 USA	United States of America	Advance Vision Therapies, Inc., 9700, Great Seneca Highway Rockville, Maryland	Recombinant bovine immunodeficiency virus based gene transfer system.	C12N1/20

22	2249/DELNP/2004 Dt : 02/08/2004	PCT/NZ03/00031 Dt : 21/02/2003	517398 dt. 22/2/2002 New Zealand.	New Zealand	20850, USA  BLIS Technologies Limited, Level 10 Otogo House, 481 Moray Place, Dunedin, New Zealand.	Antimicrobial composition.	C12N1/20
23	2250/DELNP/2004 Dt : 02/08/2004	PCT/US03/01654 Dt : 22/01/2003	60/356,149 & 10/224,564 dt. 14/2/2002 & 21/2/2002 USA	United States of America	American Management Systems, Inc., 4050 Legato Road, Fairfax, VA 22033 USA	A user authentication system and methods thereof cross reference to related applications.	
24	2251/DELNP/2004 Dt : 02/08/2004	PCT/EP03/02141 Dt : 03/03/2003	102 09 985.5 & 102 45 624.0 dt. 7/3/2002 & 30/9/2002 Germany.	Germany	Boehringer Ingelheim Pharma GMBH & Co. KG, Binger Strasse 173, D-55216 Ingelheim am Rhein, Germany.	Administration form for the oral application -----and the salts thereof.	A61K31/4439
25	2252/DELNP/2004 Dt : 02/08/2004	PCT/EP03/01075 Dt : 03/02/2003	02075466.9 & 02080349.0 dt. 5/2/2002 & 18/12/2002 EP	Belgium	Janssen Pharmaceutica N.V., Turnhoutseweg, 30, B-2340 Beerse, Belgium.	Formulations comprising tirazoles and alkoxyated amines.	A01N43/653
26	2253/DELNP/2004 Dt : 02/08/2004	PCT/US03/03242 Dt : 04/02/2003	60/354,382 dt. 4/2/2002 US	United States of America	Wader, LLC, 1076, Skyline Drive, Laguna Beach, California 92651, USA.	Disposal of waste fluids.	
27	2254/DELNP/2004	PCT/EP02/03302		Sweden	Telefonaktiebolaget LM Ericsson	Method and devices for dynamic management	G06F 9/00

28	Dt: 02/08/2004	Dt: 25/03/2002		(PUBL), S-16483 Stockholm, Sweden	of a server application on a server platform.	A61K 31/517
	2255/DELNP/2004	PCT/EP03/03062	Germany	Boehringer Ingelheim Pharma GmbH & Co. KG., Binger Strasse 173, D-55216 Ingelheim am Rhein, Germany.	Polycyclic heterocyclic compounds, pharmaceutical compositions containing these compounds, their use and process for preparing them.	
	Dt: 02/08/2004	Dt: 25/03/2003				
29	2256/DELNP/2004	PCT/JP03/06701	Japan	Sumitomo Electric Industries, Ltd., 5- 33, Kitahama 4- chome, Chuo-ku Osaka 541- 0041, Japan	Optical fiber ribbon.	G02B 6/44
	Dt: 02/08/2004	Dt: 28/05/2003				
30	2257/DELNP/2004	PCT/JP03/05865	Japan	Honda Giken Kogyo Kabushiki Kaisha, 1-1, Minamiaoyama 2- chome, Minato-ku, Tokyo 107-8556, Japan	System for deriving market share of component part.	G06F 17/60
	Dt: 03/08/2004	Dt: 12/05/2003				
31	2258/DELNP/2004	PCT/EP2003/006342	France	Thomson Licensing S.A., 46 Quai A. Le Gallo, F-92100 Boulogne- Billancourt, France	Intrinsically safe pick- up for reproduction or recording devices for different optical recording media.	G11B 7/125
	Dt: 03/08/2004	Dt: 16/06/2003				
32	2259/DELNP/2004	PCT/ELP03/01640	Italy	Meritor Heavy Vehicle Systems Cameri SpA, Strada Provinciale, Cameri- Bellinzago	Wheel hub assembly.	B60B 27/00
	Dt: 03/08/2004	Dt: 19/02/2003				



33	2260/DELNP/2004 Dt : 03/08/2004	PCT/FR03/00606 Dt : 25/02/2003	France EP-02290462.7 & EP-02291132.5 dt. 26/2/2002 & 6/5/2002	Km. 5, I-28062, Cameri, Italy. Lafarge Plâtres, 500 rue marcel Démouque, Zone du Pôle Technologique- Agroparc, 84915, Avignon Cedex 9, France.	Method of manufacturing sheets based on hydraulic binder, producing line for producing such sheets and apparatus for making an impression.	B28B 19/00
34	2261/DELNP/2004 Dt : 03/08/2004	PCT/US03/04468 Dt : 14/02/2003	60/357,170 dt. 14/2/2002 USA	Immunivest Corporation, 1005 Market Street, Suite 100 PO Box 8985, Wilmington, DE 19899, USA	Methods and algorithms for cell, enumeration in a low- cost cytometer.	G06E
35	2262/DELNP/2004 Dt : 03/08/2004	PCT/GB2004/001157 Dt : 18/03/2004	081194 dt. 24/3/2003 Thailand.	Akadech Ngamthanakitja, 1020/3, Village No. 7, Soi Phetkasem 106, Phetkasem Road, Nong Khang Phlu Sub-District, Nong-Khaem District, Bangkok Metropolis, 10160, Thailand. and other	Roller shutter door construction.	F16B 19/04
36	2263/DELNP/2004 Dt : 04/08/2004	PCT/EP03/00950 Dt : 30/01/2003	MI2002A000205 dt. 5/2/2002 Italy.	Isagro S. P. A., Via Felice Casati, 20, I- 20124, Milan Italy	Compositions of cupric salts and their use for the control of phytopathogenic fungi.	F03D 9/00
37	2264/DELNP/2004 Dt : 04/08/2004	PCT/US03/03228 Dt : 04/02/2003	60/354,791 & 10/142,121 dt. 6/2/2002 &	Jamdat Mobile, Inc., 3415, South Sepulveda	Data logging for resident applications within portable	G06F 15/173

				9/5/2002 USA		Boulevard, Suite 1500, Los Angeles, California 90034, USA	electronic devices.
38	2265/DELNP/2004	PCT/US2003/005216		60/358,497 dt. 19/2/2002 USA	Israel	Teva Pharmaceutical Industries, Ltd., 5 Basel Street, P.O. Box 3190, Petah Tiqva 49131, Israel	Desolvating solvates of atorvastatin hemicalcium. C07F 3/04
39	2266/DELNP/2004	PCT/GB03/0803		0204392.5, 0212462.6 & 0213267.8 dt. 26/2/2002, 30/5/2002 & 11/6/2002 GB	Sweden	AstraZeneca AB, S-151 85 Sodertalje, Sweden	Pharmaceutical formulation of iressa comprising a water-soluble cellulose derivative. A61K 47/38
40	2267/DELNP/2004	PCT/US03/07318		60/362,471 dt. 7/3/2002 USA	United States of America	Avery Dennison Corporation, 150 North Orange Grove Boulevard, Pasadena, CA 91103	Color changing device for time indicating label and methods of making and using the same. B32B 9/00
41	2268/DELNP/2004	PCT/US03/08516		60/366,147 dt. 20/3/2002 USA	United States of America	E.I. Du Pont De Nemours and Company, 1007 Market Street, Wilmington, Delaware 19898, USA	Dihydroneptalactone as insect repellent. A01N 43/16
42	2269/DELNP/2004	PCT/AU03/00012		PR 9859 & PS 1847 dt. 7/1/2002 & 19/4/2002 Australia.	Australia	Alan John Fawcett and Glen Lawrence Wright 3, Calabash Road, Arcadia, NSW 2159,	A die Plate for a foil Stamping Machine. B41F 27/00

43	2270/DELNP/2004	PCT/SE02/02405	Dt: 04/08/2004	Dt: 19/12/2002	0200065-1 & 0200613-8 dt 10/1/2002 & 28/2/2002 Sweden.	Sweden	Australia. Swedish Seabased Energy AB, Geijersgatan 56A, S-752 31 Uppsala, Sweden.	A wave-power unit and the use of a wave- power unit for production of electric power, a method of generating electric power and a system of components for manufacturing a linear generator for a wave- power unit.	F03B 13/18
44	2271/DELNP/2004	PCT/US03/05056	Dt: 04/08/2004	Dt: 18/02/2003	10/077,945 dt 19/2/2002 USA	United States of America	Rockwell Scientific Licensing, LLC, 1049 Camino Dos Rios, P.O. Box 1085, MC A15, Thousand Oaks, California 91358- 0085, USA	Multiple Magnet Transducer.	H02K 35/02
45	2272/DELNP/2004	PCT/US03/04896	Dt: 04/08/2004	Dt: 18/02/2003	10/078,724 dt 19/2/2002 USA	United States of America	Rockwell Scientific Licensing, LLC, 1049 Camino Dos Rios, P.O. Box 1085, MC A15, Thousand Oaks, California 91358- 0085, USA	Electrical generator with ferrofluid bearings.	H02K 35/02
46	2273/DELNP/2004	PCT/US03/05057	Dt: 04/08/2004	Dt: 18/02/2003	10/078,176 dt 19/2/2002 USA	United States of America	Rockwell Scientific Licensing, LLC, 1049 Camino Dos Rios, P.O. Box 1085, MC A15, Thousand Oaks,	Dynamic magnet system.	H02K 35/02

47	2274/DEINP/2004	PCT/US03/05058 Dt : 04/08/2004	10/078, 132 dt 19/2/2002 USA	United States of America	California 91358-0085, USA Rockwell Scientific Licensing, LLC, 1049 Camino Dos Rios, P.O. Box 1085, MC A15, Thousand Oaks, California 91358-0085, USA	Mechanical Translator with ultra low friction ferrofluid bearings.	
48	2275/DEINP/2004	PCT/GB03/00273 Dt : 04/08/2004	0201793, 7 dt 26/1/2002 UK	United Kingdom	Miniflex Limited, The Technology Centre, Station Road, Framlingham, Suffolk IP 13 9EZ, UK	Caterpillar Traction Apparatus.	
49	2276/DEINP/2004	PCT/CA03/00449 Dt : 04/08/2004	10/109, 003 dt 29/3/2002 USA	Canada	Hydrogenics Corporation, 5985 McLaughlin Road, Mississauga, Ontario L5R 1B8, Canada	System and method for measuring fuel cell voltage and high frequency resistance.	G01R 31/36
50	2277/DEINP/2004	PCT/CA03/00450 Dt : 04/08/2004	10/109, 002 dt 29/3/2002 USA	Canada	Hydrogenics Corporation, 5985 McLaughlin Road, Mississauga, Ontario L5R 1B8, Canada	Fuel cell flow field.	H01M 8/02
51	2278/DEINP/2004	PCT/AU03/00064 Dt : 04/08/2004	60/350, 387 & 2002352124 dt 24/1/2002 & 17/10/2002 USA	Australia	Rivet Pty. Ltd., Lot 3, Synottis Lane, Mullumbimby, New South Wales 2482, Australia	Personal device fastening system.	A45F 5/00

52	2279/DEL/NP/2004	PCT/AUS03/02812	60/354,182 dt 4/2/2002 USA	United States of America	Colgate-Palmolive Company, 300 Park Avenue, New York, NY 10022, USA	Container wall post- forming.	B32B 1/00
53	2280/DEL/NP/2004	PCT/SE03/00326	02/0641-1 dt 28/2/2002 Sweden	Sweden	Telefonaktiebolaget LM Ericsson (PUBL), S-126 25 Stockholm, Sweden	Routing in virtual private network.	H04L 12/56
54	2281/DEL/NP/2004	PCT/EP03/02347	02/03272 dt 13/3/2002 France	Switzerland	Societe De Technologie Michelin, 23, rue Breschet, F-63000 Clamont-Ferrant, France and Michelin Recherche Et Technique S.A., Route Louis Braille 10 et 12, CH-1763, Granges-Paccot, Switzerland	Method and system for advocating tyres and for calculating on site inflation pressures of the said tyres for a construction vehicle.	B60C 23/00
55	2282/DEL/NP/2004	PCT/AUS03/04018	WT/O 60/355,144 dt. 8/2/2002 USA	United States of America	Bristol-Myers Squibb Company, P.O. Box 4000, Route 206 and Province Line Road, Princeton, New Jersey 08543- 4000, USA	Compositions and methods for altering biosynthesis of taxanes and taxane related compounds.	C12P
56	2283/DEL/NP/2004	PCT/AUS03/07512	60/363,443 dt 11/3/2002 USA	United States of America	University Of Southern California, 3716	Named entity translation.	G06F 17/20

57	2284/DELNP/2004 Dt: 05/08/2004	PCT/US03/02804 Dt: 29/01/2003	United States of America	10/07/2002 dt 8/2/2002 USA	South hope Street, Suite 313, Los Angeles, California, 90007-4344, USA	Motorola, Inc., 1303 East Algonquin Road, Schaumburg, Illinois 60196, USA	System for providing continuity between session clients and method therefor.	G06F 11/30
58	2285/DELNP/2004 Dt: 05/08/2004	PCT/GB03/00619 Dt: 12/02/2003	United Kingdom	0205014.4 dt. 4/3/2002 UK	BP Chemicals Limited, Chertsey Road, Sunbury on Thames, Middlesex TW16 7BP, UK	BP Chemicals Limited, Chertsey Road, Sunbury on Thames, Middlesex TW16 7BP, UK	Process for the production of an alkenyl carboxylate or an alkyl carboxylate.	C07C 53/08
59	2286/DELNP/2004 Dt: 05/08/2004	PCT/US03/02924 Dt: 29/01/2003	United States of America	10/074,131 dt. 12/2/2002 USA	Motorola, Inc., 1303 East Algonquin Road, Schaumburg, Illinois 60196, USA	Motorola, Inc., 1303 East Algonquin Road, Schaumburg, Illinois 60196, USA	System for providing continuity of a broadcast between clients and method therefor.	G06F 15/16
60	2287/DELNP/2004 Dt: 05/08/2004	PCT/JP03/01977 Dt: 24/02/2003	Japan	2002-46128, 2002- 365196, 2002- 379827 dt. 22/2/2002, 17/12/2002 & 27/12/2002 Japan	Teijin Limited, 6-7 Minamihonmachi 1-chome, Chuo-ku, Osaka-shi, Osaka 541-0054 Japan	Teijin Limited, 6-7 Minamihonmachi 1-chome, Chuo-ku, Osaka-shi, Osaka 541-0054 Japan	Pyrolopyrimidine derivatives.	C07D 487/04
61	2288/DELNP/2004 Dt: 05/08/2004	PCT/AU03/00011 Dt: 08/01/2003	Australia	PR 9849 dt. 8/1/2002 Australia	Nicolo, Assunta, 2, Brooklyn Avenue, Brooklyn Park, South Australia 5032, Australia.	Nicolo, Assunta, 2, Brooklyn Avenue, Brooklyn Park, South Australia 5032, Australia.	Method and apparatus for forming construction panels and structures.	E04G 17/14
62	2289/DELNP/2004 Dt: 06/08/2004	PCT/US03/00573 Dt: 17/02/2003	United States of America	60/365,358 dt. 27/2/2002 USA	Pfizer Products Inc., Eastern Point Road, Groton,	Pfizer Products Inc., Eastern Point Road, Groton,	ACC Inhibitors.	A61P 3/00

63	2290/DELNP/2004 Dt : 06/08/2004	PCT/NO03/000004 Dt : 09/01/2003	20020112 dt. 9/1/2002 Norway.	Norway	Connecticut 06340, USA Geir Monsen Vavik, Ovre Vikeraunet, N-7057, Jonsvatnet, Norway.	Transponder including transponder system.	H04B 1/59
64	2291/DELNP/2004 Dt : 06/08/2004	PCT/FR03/00859 Dt : 18/03/2003	02/03402 dt. 19/3/2002 France.	France	Montabert S.A., 203 route de Grenoble, F-69800 Saint Priest, France.	Hydraulic rotary- percussive hammer drill.	B25D 17/24
65	2292/DELNP/2004 Dt : 06/08/2004	PCT/CH02/000099 Dt : 19/02/2002		Swaziland	Synthes AG Chur, Grabenstrasse 15, CH-7002, Chur, Switzerland	Intervertebral implant	A61F 2/44
66	2293/DELNP/2004 Dt : 06/08/2004	PCT/SE03/00028 Dt : 13/01/2003	0200366.3 DT. 8/2/2002 SWEDEN.	Sweden	Nexplo Bofors AB, S-691 86, Karlskoga, Sweden	Decoppering agent.	C06B 23/00
67	2294/DELNP/2004 Dt : 06/08/2004	PCT/EP03/00816 Dt : 28/01/2003	102 04 808.8 dt. 6/2/2002 Germany.	Germany	Cognis Deutschland GMBH & Co. KG, Henkelstrasse 67, 40589, Dusseldorf, Germany.	Use of ethoxylated fatty acids and smoothing agents for synthetic and natural fibres.	D06M 13/224
68	2295/DELNP/2004 Dt : 06/08/2004	PCT/US03/04785 Dt : 19/02/2002		United States of America	General Electric Company, One River Road, Schenectady, New York 12345, USA	Instrument panel beam assembly and methods of manufacture.	B60J 7/00
69	2296/DELNP/2004	PCT/US03/02589	09/683,898 dt. 28/2/2002 USA	United States of America	General Electric Company, One River Road,	Process, reactor and system for preparing a Bisphenol.	C07C 39/16

					Schenectady, New York 12345, USA				Intradermal injector.	
70	Dt: 06/08/2004	Dt: 30/01/2003	2297/DELNP/2004	PCT/US03/03917	60/355,926 dt. 11/2/2002 USA	United States of America	Antares Pharma, Inc., 161 Cheshire Lane, Suite 100, Minneapolis, MN 55441, USA			
	Dt: 09/08/2004	Dt: 11/02/2003								
71	2298/DELNP/2004	PCT/US03/00534			60/346,545 dt. 9/1/2002 USA	United States of America	Trident Sciences LLC, 8605, Westwood Center Drive, Suite 209, Vienna, VA 22182, USA		Compounds for blocking androgen receptors.	A61K
	Dt: 09/08/2004	Dt: 09/01/2003								
72	2299/DELNP/2004	PCT/AU03/00129			Ps 0374, dt. 7/2/2002, AU	Australia	Commonwealth Scientific and Industrial Research Organisation, Limestone Avenue, Campbell, Australian Capital Territory 2612, Australia.		Production of metallurgical coke.	C10B 49/02
	Dt: 09/08/2004	Dt: 07/02/2003								
73	2300/DELNP/2004	PCT/US03/05557			10/084,773 dt. 26/2/2002 U.S.A.	France	Thomson Licensing S.A., 46 Quai A. Le Gallo, F-92100 Boulogne-Billancourt, France		Satellite television system ground station having wideband multi-channel Inb converter/transmitter architecture with controlled uplink transmission.	H04N 7/20
	Dt: 09/08/2004	Dt: 24/02/2003								
74	2301/DELNP/2004	PCT/EP03/01712			02006746.8, dt. 23/3/2002, Europe	Germany	Zimmer AG, Borsigallee 1, 60338 Frankfurt am main, de Germany.		Polytrimethylene terephthalate resins with improved properties.	C08G 63/183
	Dt: 09/08/2004	Dt: 20/02/2003								



75	2302/DELNP/2004	PCT/EP03/01707	02006746.8, dt. 23/3/2002, Europe	India	Zimmer AG. Borsigallee 1, 60338 Frankfurt am main, de Germany.	Polytrimethylene terephthalate resins with improved properties.	C08G 63/183
	Dt : 09/08/2004	Dt : 20/02/2003					
76	2303/DELNP/2004	PCT/IB02/01213	10/104, 869, dt. 21/3/2002, US	India	Council Of Scientific & Industrial Research, Inddoc Building, 14, Satsang Vihar Marg, New Delhi	Novel primers for screening schizophrenia and method thereof.	C12Q 1/68
	Dt : 09/08/2004	Dt : 25/03/2002					
77	2304/DELNP/2004	PCT/IB02/05198	10/308, 170, dt. 03/12/2002 US	India	Council Of Scientific & Industrial Research, Inddoc Building, 14, Satsang Vihar Marg, New Delhi	Process for recovery of metals from spent catalysts or adsorbent or inorganic waste.	C22B 7/00
	Dt : 09/08/2004	Dt : 02/12/2002					
78	2305/DELNP/2004	PCT/GB03/00078	0200689.8 dt. 10/1/2002 UK	United Kingdom	Newcastle University Ventures Limited, Central Square South, Orchard Street, Newcastle-upon- Tyne, NE1 3XX, UK	Fusion Proteins.	C12N 15/62
	Dt : 09/08/2004	Dt : 10/01/2003					
79	2306/DELNP/2004	PCT/GB03/00567	0203413.0 dt. 13/2/2002, UK and 60/358,716, dt. 25/2/2002, USA	United Kingdom	Pharmagene Laboratories Limited, 2 Orchard Road, Royston, Hertfordshire SG8 5HD, U.K.	5-HT2B receptor antagonists.	A61K 31/425
	Dt : 09/08/2004	Dt : 11/02/2003					
80	2307/DELNP/2004	PCT/IB03/00266	2002/0929, dt. 1/2/2002, South	South Africa	Shimoda Biotech(Pty.) Ltd.,	Pharmaceutical composition.	A61K 9/00

81	2308/DELNP/2004	Dt : 09/08/2004	PCT/JP03/01970	Dt : 29/01/2003	Africa & 60/401, 633, dt. 6/8/2002, USA	Japan	Okada Masaji, RC4-201, 1180 Nagasonecho, Sakai-shi, Osaka, 591-8555, Japan and other	Remedy for infections.	A61K 38/17
82	2309/DELNP/2004	Dt : 09/08/2004	PCT/US99/12069	Dt : 28/05/1999	2002-45865 dt. 22/2/2002 Japan.	United States of America	Sugen, Inc., 230 East Grand Avenue, South San Francisco, CA 94080-4811, USA	Pyrrole Substituted 2-indolinone protein kinase inhibitors.	C07D 209/04
83	2310/DELNP/2004	Dt : 09/08/2004	PCT/EP03/01829	Dt : 21/02/2003	02251178.6, dt. 21/2/2002, EP	Netherlands	Shell Internationale Research Maatschappij B.v. Carel van Bylandtlaan 30, NL-2596 HR The Hague, The Netherlands.	Apparatus and method for treating a fluid.	B01D 3/00
84	2311/DELNP/2004	Dt : 09/08/2004	PCT/JP03/02698	Dt : 07/03/2003	2002-068097, dt. 13/3/2002, Japan	Japan	Matsushita Electric Industrail Co., Ltd., 1006 Oazakadoma, Kadoma0shi, Osaka 571-8501, Japan.	Secure Device	G06F 1/00
85	2312/DELNP/2004	Dt : 09/08/2004	PCT/GB03/00741	Dt : 22/02/2002	0204159.8, dt. 22/2/2002, Great Britain.	United Kingdom	Vernalis(Oxford) Ltd., Great Britain, of Patents Granta Park, Abington, CambridgeCBI	Oxa-and thiazoles and their use as metalloproteinase inhibitors.	C07D 271/06

86	2313/DELNP/2004	PCT/RU02/00572	2002102389 & 2002117148 dt. 28/1/2002 & 27/2002 RU	6GB, UK and other.	Shaidenko, Vadim Gennadiyevich, Partizansky pr-4, 9- 9, Vladivostok, 690106, Russia. & Zubakhin, Oleg Viktorovich, N9, Eniseyskaya Street, ap. 27, Vladivostok 690039, Russia.	Crown Cap.	B65D 41/32
87	2314/DELNP/2004	PCT/RU02/00463	2002103034, dt. 7/2/2002, Russia.		Brezhneva Galina Leonidovna ul. Vakhtangova, 3a, kv.218, Russia and others.	Method for producing aerosol/resonance cavities (Bubbles)	B05B 3/14
88	2315/DELNP/2004	PCT/US03/04155	10/074,612, dt. 12/2/2002, USA	United States of America	Uop LLC, at 25 East Algonquin Road, Des Plaines, Illinois 60017- 5017, USA.	Crystalline aluminosilicate zeolitic composition Uzm-9.	C01B 39/14
89	2316/DELNP/2004	PCT/US03/08901	60/367,758, 60/451,817 and 60/442,404 dt. 26/3/2002, 9/12/2002 and 24/1/2003, USA	United States of America	Boehringer Ingelheim Pharmaceuticals, Inc., of 900 Ridgebury Road, P.O. Box 368, ridgfield, CT 06877-0368, USA.	Glucocorticoid, mimetics, methods of making them, pharmaceutical compositions, and uses thereof.	A61K 31/44
90	2317/DELNP/2004	PCT/US03/03101	10/071,990 dt. 8/2/2002 USA	United States of America	Mielglas, Inc., 440 Allied Drive, conway, SC 29526,	Fe-based amorphous metal alloy having a linear bh loop.	C22C 45/02

91	2318/DELNP/2004 Dt: 10/08/2004	PCT/US03/03093 Dt: 03/02/2003	10/071,368 dt 8/2/2002 USA	United States of America	USA Meglas, Inc., 440 Allied Drive, conway, SC 29526, USA	Filter circuit having an fe-based core.	H03H
92	2319/DELNP/2004 Dt: 10/08/2004	PCT/EP03/01580 Dt: 17/02/2003	02/02515 dt 26/2/2002 France	France	Thomson Licensing S.A., 46 Quai A. Le Gallo, F-92100 Boulogne- Billancourt, France	Digital method of image display and digital display device.	G09C 13/34
93	2320/DELNP/2004 Dt: 10/08/2004	PCT/US03/03092 Dt: 03/02/2003	10/071,682 dt 8/2/2002, USA	United States of America	Meglas, Inc., 440 Allied Drive, conway, SC 29526, USA	Current transformer having an amorphous fe-based core.	H01F 27/25
94	2321/DELNP/2004 Dt: 10/08/2004	PCT/FR03/00583 Dt: 21/02/2003	02/02330 dt 25/2/2002 France	France	Thomson Licensing S.A., 46 Quai A. Le Gallo, F-92100 Boulogne- Billancourt, France	Method for processing encoded data for a first domain received in a network pertaining to a second domain.	H04N 7/16
95	2322/DELNP/2004 Dt: 10/08/2004	PCT/EP03/02358 Dt: 07/03/2003	109794/2002 dt 7/3/2002 Japan.	Germany	Fuji Photo Film Co. Ltd., 210 Nakanuma, Minami-ashigara- shi, Kanagawa 250-0193, Japan and Schering Aktiengesellschaft, Mullerstrasse 178, 13353, Berlin, Germany.	Near infrared fluorescent contrast agent and method for fluorescence imaging.	C07D
96	2323/DELNP/2004 Dt: 10/08/2004	PCT/US03/005484 Dt: 21/02/2003	60/364,377 dt 13/3/2002, USA	United States of America	Economobile chemical Patents Inc., 5200 Bayway	Abrasion resistant elastomeric compositions.	C08C 19/20

97	2324/DELNP/2004	PCT/GB03/00883	0205176.1 dt. 6/3/2002 GB	Sweden	AstraZeneca AB, S-151 85 Södertälje, Sweden	Indolamid derivatives which possess glycogenphosphorylase inhibitory activity.	C07D 209/42
	Dt : 10/08/2004	Dt : 04/03/2003					
98	2325/DELNP/2004	PCT/GB03/00875	0205170.4 dt 6/3/2002 UK	Sweden	AstraZeneca AB, of S-151 85 Södertälje, Sweden.	Heterocyclic amide derivatives having glycogen phosphorylase inhibitory activity.	C07D 495/04
	Dt : 10/08/2004	Dt : 04/03/2003					
99	2326/DELNP/2004	PCT/US03/05977	10/100,662 dt. 18/3/2002 USA	United States of America	The Procter & Gamble Company, One Procter & Gamble Plaza, Cincinnati, State of Ohio, USA	Grinding process for plastic material and compositions therefrom.	C08J3/12
	Dt : 10/08/2004	Dt : 27/02/2003					
100	2327/DELNP/2004	PCT/EP03/01196	01 002901.3 dt. 31/7/2002 Europe.	Italy	Mantegazza Antonio Arti Grafiche S.R.L., Via Milano 71,I- 20021, Bollate, (Milano) Italy.	Security device, preferably a security thread, comprising characters being visually readable as well as magnetic characteristics, and method of producing the same.	B42D 15/00
	Dt : 11/08/2004	Dt : 06/02/2003					
101	2328/DELNP/2004	PCT/EP03/01512	102 06 793.7 dt. 19/2/2002 Germany.	Germany	Bayer Chemicals AG, 51368, Leverkusen, Germany	Polyamino acids and method for producing the same.	C08G 69/10
	Dt : 11/08/2004	Dt : 14/02/2003					
102	2329/DELNP/2004	PCT/GB03/00749	0203935.2, 0216506.6 &	England	Axis (NE) Limited, Units 3A-3B	Device for opening a locked door or drawer.	E05B 11/00

	Dt : 11/08/2004	Dt : 20/02/2003	0228174.9 dt. 20/2/2002, 17/7/2002 & 3/12/2002 UK		Alderman Wood Road, Tanfield Lea Industrial Estate, Stanley, Durham DH9 9XF, England.	
103	2330/DELNP/2004	PCT/US03/04222	60/356,959 dt. 13/2/2002 USA	Hungary	Biogal Gyogyszergyar Rt, Pallagi 13, H-4042 Debrecen, Hungary	Method for extracting a macrolide from biomatter. C07D 267/22
104	2331/DELNP/2004	PCT/US03/03950	10/078,869 dt. 19/2/2002 US	United States of America	Biosensory Inc., Windham Mills Technology Center, 322 Main Street, Building 1, Second Floor, Willimantic, 06226-3149, USA and other	Method and compositions for inhibiting the scent tracking ability of biting midgess. A61K
105	2332/DELNP/2004	PCT/FR03/00559	02/02521 dt. 28/2/2002 France.	France	Thermagen, 1 Avenue de la Terrasse, Batiment 5, 91198 GIF-Sur Yvette, France	Self-Cooling container and associated actuation device. F25B 17/08
106	2333/DELNP/2004	PCT/EP03/01563	102 07 026.1 dt. 20/2/2002 Germany.	Germany	Boehringer Ingelheim Pharma GMBH & Co. KG., Binger Strasse 173, D-55216 Ingelheim am Rhein, Germany	Inhalation powder containing the CGRP antagonist BIBN4096 and process for the preparation thereof. A61K 9/00
107	2334/DELNP/2004	PCT/EP03/01281	102 07 241.8 dt. 21/2/2002 Germany.	Germany	Bayer Cropscience AG, Alfred-Nobel- Strasse 50, 40789 Monheim, Germany	Synergistic insecticide mixtures. A01N 51/00
	Dt : 11/08/2004	Dt : 10/02/2003				

108	2335/DELNP/2004	PCT/US03/03933	60/356,435 & 10/121,403 dt. 12/2/2002 & 12/4/2002 USA	France	Thomson Licensing S.A., 46, Quai A. Le Gallo, 92648 Boulogne, Cedex, France.	Allocation of recording space per user and application	H04N 5/76
109	2336/DELNP/2004	PCT/US03/05585	10/083,865 dt. 26/2/2002 USA	France	Thomson Licensing S.A., 46, Quai A. Le Gallo, 92648 Boulogne, Cedex, France.	Satellite Television system ground station having wideband Multi- channel LNB Converter/Transmitter architecture utilizing a frequency stabilized common oscillator.	H01H 1/00
110	2337/DELNP/2004	PCT/GB03/00679	10/091,919 dt. 5/3/2002 USA	United States of America	International Business Machine Corporation, Armonk, New York 10504, USA	Support for multiple content-management data models.	G06F 17/30
111	2338/DELNP/2004	PCT/EP03/02923	02368022.6 dt. 5/3/2002 EP	United States of America	International Business Machine Corporation, Armonk, New York 10504, USA	Method of Prefetching data/Instructions related to Externally triggered Events.	G06F 9/38
112	2339/DELNP/2004	PCT/IB03/00817	60/362,400 dt. 7/3/2002 USA	United States of America	Warner-Lambert Company LLC, 201 Tabor Road, Morris Plains, New Jersey 07950, USA	Thiazole and oxazole derivatives that modulate ppar activity.	A61K 31/427
113	2340/DELNP/2004	PCT/SE03/00508	0200979-3 dt. 28/3/2002 Sweden.	Sweden	AstraZeneca AB, S-151 85 Sodertalje, Sweden	New Compounds.	C07D 401/04
114	2341/DELNP/2004	PCT/FR03/00519	02/02069 dt. 19/2/2002 France.	France	Rieter Perfojet, ZA Pre-Millet, F-38330	Device for projecting water jets having a thin	B05B 1/14

	Dt: 12/08/2004	Dt: 18/02/2003			Montbonnot, France.	seal support.	
115	2342/DELNP/2004	PCT/US02/13668	10/077,338 dt. 15/2/2002 US	United States of America	FMC Corporation, of 1735 Market Street, Philadelphia, pennsylvania 19103, USA.	Edible pga coating composition.	A61K 9/36
	Dt: 12/08/2004	Dt: 24/04/2002					
116	2343/DELNP/2004	PCT/US03/05690	60/358,916 dt. 22/2/2002 USA	Israel	Teva Pharmaceutical Industries, Ltd., 5 Basel Street, P.O. Box 3190, Petah Tiqva 49131, Israel	Method for preparing benzoxazole methane sulfonyl chloride and its amidation to form zonisamide.	C07D 261/20
	Dt: 12/08/2004	Dt: 24/02/2003					
117	2344/DELNP/2004	PCT/EP02/13344	102 03 779.5 dt. 30/1/2002 Germany.	Germany	Solvay Fluor und Derivate GMBH, Hans-Bockler-Allee 20, 30173 Hannover, Germany	Mixtures comprising 1,1,1,3,3- pentafluorobutane and 1,1,1,2,3,3,3- heptafluoropropane.	B05B 1/14
	Dt: 12/08/2004	Dt: 27/11/2002					
118	2345/DELNP/2004	PCT/FR03/00518	02/02068 dt. 19/2/2002 FR	France	Rieter Perfojet, of ZA Pre-Millet, F- 38330 Montbonnot, France.	Water Jet spray device with removable seal holder.	
	Dt: 12/08/2004	Dt: 18/02/2003					
119	2346/DELNP/2004	PCT/BE2004/000010		Belgium	Vesuvius Group S.A., 17, rue de Dourvain, B-7011, Ghlin, Belgium.	Pouring nozzle, pushing device for a pouring nozzle and casting installation.	B22D 4/150
	Dt: 12/08/2004	Dt: 19/01/2004					
120	2347/DELNP/2004	PCT/FR03/000560	02/02522 dt. 28/2/2002 FR	France	Thermagen, of 1 Avenue de la terrace, Batiment 5, 91198 GIF-SUR YVETTE, France,	Method of producing a metal container.	
	Dt: 12/08/2004	Dt: 20/02/2003					



121	2348/DELNP/2004	PCT/US03/04665	60/356,718 dt. 13/2/2002 USA	United States of America	Beth Israel Deaconess Medical Center, Inc., One Deaconess Road, Boston, MA 02115, USA and other	Methods of treating vascular disease.	A61K 33/00
122	2349/DELNP/2004	PCT/US03/04005	10/076,971 dt. 15/2/2002 USA	United States of America	Pedro M. Buarque De Machado, 6100 Highboro Drive, Bethesda, MD 20814, USA	Large High Density foam Glass tile.	E04H 9/02
123	2350/DELNP/2004	Dt : 01/01/1900	10/098,976 dt. 15/3/2002 USA	United States of America	International Business Machine Corporation, Armonk, New York 10504, USA	Secured and access controlled peer-to-peer resource sharing method and apparatus.	H04L 21/06
124	2351/DELNP/2004	PCT/US03/05651	60/359,320, 60/367,624 & 60/375,493 dt. 23/2/2002, 25/3/2002 & 25/4/2002 USA	United States of America	Wow Technologies, Inc., 711 Pilot Road, Suites E and F Las Vegas, NV 89119, USA	Loadable debit card system and method.	G06F
125	2352/DELNP/2004	PCT/GB03/00643	0204241.4 dt. 22/2/2002 GB	England	The Associated Ocel Company Limited, of Global House, Bailey Lane, Manchester M90 4AA, England.	Friction modifier for hydrocarbon fuels.	C10L 1/14
126	2353/DELNP/2004	PCT/EP03/00467	102 07 843.2 dt. 15/2/2002	Germany	Schering Aktiengesellschaft,	Microglia inhibitors for interrupting immune	A61K 31/4184

	Dt : 13/08/2004	Dt : 17/01/2003	Germany.	Mullerstrasse 178, D-13353, Berlin, Germany	reactions mediated by interleukin 12 and 1FNy.	C07D 401/04
127	2354/DELNP/2004	PCT/EP03/00462	Germany	Schering Aktengesellschaft, Mullerstrasse 178, D-13353, Berlin, Germany	1-Phenyl-2-hetroaryl- substituted benzimidazole derivatives, their use to prepare drugs for treatment of immunological diseases.	
128	2355/DELNP/2004	PCT/IB03/01110	Switzerland	Syngenta Participations AG, of Schwarzwalddallee 215, 4058 Basel, Switzerland.	Siliconated phenyl amides derivatives useful as microbiocide.	C07F 7/08
129	2356/DELNP/2004	PCT/FR03/00676	France	Valeo Materiaux De Friction, ZI Nord, rue Barthelemy Thimonnier, F- 87000 Limoges, France.	Method for making a ring-shaped friction facing whereof the friction material comprises fibers, injection mould for implementing same, and resulting frictin facing.	F16D 69/02
130	2357/DELNP/2004	PCT/EP03/02179	Swaziland	Societe De Technologie Michelin, 23, rue Breschet, F-63000 Clermont-Ferrant, France and Michelin Recherche Et	Crown reinforcement with shoulder ply.	B60C 9/20
	Dt : 13/08/2004	Dt : 04/03/2003				

131	2358/DELNP/2004	PCT/US03/06555	60/363,439 & 10/367,293 dt. 12/3/2002 & 14/2/2003 USA	United States of America	Technique S.A., Route Louis Braille 10 et 12, CH-1763, Granges-Paccot, Switzerland	System and method for determining fouling tendency by refinery feed stocks.	G01N 5/04
132	2359/DELNP/2004	PCT/SE03/00395	60/363,326 dt. 8/3/2002 US	Sweden	Exxonmobil Research and Engineering Company, 1545 Route 22 East, P.O. Box 900, Annandale, New Jersey 08801- 0900, USA	Compatibility between various w-lan standards.	H04L 12/28
133	2360/DELNP/2004	PCT/CH03/00153	394/02 & 60/364,655 dt. 7/3/2002 & 14/3/2002 Switzerland & USA	Swaziland	Telefonaktiebolaget LM Ericsson (PUBL), S-126 25 Stockholm, Sweden" relating to "Routing in virtual private network.	System and method for the production of recombinant glycosylated proteins in a prokaryotic host.	C12P 21/00
134	2361/DELNP/2004	PCT/IB03/00687	0205127.4 & 0300705.1 dt. 5/3/2002 & 13/1/2003 UK	Swaziland	Eidgenossische Technische Hochschule Zurich, Ramistrasse 101, CH-8092, Zurich, Switzerland.	O-Cyclopropyl- carboxanilides and their use as fungicides.	C07D 231/14
135	2362/DELNP/2004	PCT/EP03/03154	0207345.0 dt. 28/3/2003 GB	Netherlands	Syngenta Participations AG, Schwarzwaldallee 215, CH-4058, Basel, Switzerland Unichema Chemie BV., Buurtje 1, NL-	Polyurethane.	C08G 18/10

	Dt : 13/08/2004	Dt : 26/03/2003		2802. AA Grouda, Netherlands." relating to "Coating composition.		
136	2363/DELNP/2004	PCT/EP02/04153	60/362,599 dt. 8/3/2002 USA	Swaziland	Eidgenossische Technische Hochschule Zurich, Ramistrasse 101, CH-8092, Zurich, Switzerland.	G01N 33/58
	Dt : 13/08/2004	Dt : 15/04/2002			Encoded self-assembling chemical libraries.	
137	2364/DELNP/2004	PCT/EP2003/050096	02007954.7 dt. 9/4/2002 EP	Germany	MTM Laboratories AG, Im Neuenheimer Feld 583 69120 Heidelberg, Germany.	C12Q 1/68
	Dt : 13/08/2004	Dt : 08/04/2003			Method for discrimination of metalplasias from neoplastic or preneoplastic lesions.	
138	2365/DELNP/2004	PCT/AU03/00385	PS 1464 dt. 28/3/2002 AU	Australia	Compco Pty Ltd., Factory 10, 19-23 Japaddy Road, Mordialloc, Victoria 3195, Australia.	C08K 3/34
	Dt : 13/08/2004	Dt : 28/03/2003			Cross-linkable and/or cross-linked nanofiller compositions.	
139	2366/DELNP/2004	PCT/JP03/02318	2002-57330, 2002-57331, 2002-57332, 2002-57333 dt. 4/3/2002 JP	Japan	Honda Giken Kogyo kabushiki Kaisha, 1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo 107-8556, Japan.	G01M 17/00
	Dt : 13/08/2004	Dt : 28/02/2003			Apparatus for and method of inspecting motorcycle.	
140	2367/DELNP/2004	PCT/IN03/00414		India	Council of Scientific & Industrial Research, Rafi Marg, N.Delhi.	A61K 31/19
	Dt : 13/08/2004	Dt : 30/12/2003			Arginine Hydrochloride enhances the enhances the chaperone-like activity of alpha crystallin.	

141	2368/DELNP/2004	PCT/IB02/01163	10/106,528 dt. 27/3/2002 US	India	Council of Scientific & Industrial Research, Rafi Marg, N.Delhi.	Use of tea leaf Extract as a potent bactericidal agent for agrobacterium tumefaciens mediated genetic transformations.	A61K 35/78
	Dt.: 13/08/2004	Dt.: 26/03/2002					
142	2369/DELNP/2004	PCT/IN02/00076	10/107,284 dt. 26/3/2002 US	India	Council of Scientific & Industrial Research, Rafi Marg, N.Delhi.	A process for obtaining high purity phenanthrene and a system thereof.	C10C 1/08
	Dt.: 13/08/2004	Dt.: 27/03/2002					
143	2370/DELNP/2004	PCT/IN02/00063	10/112,057 dt. 25/3/2002 US	India	Council of Scientific & Industrial Research, Rafi Marg, N.Delhi.	Preparation of nutrient salt of plant origin.	A23L 1/237
	Dt.: 13/08/2004	Dt.: 26/03/2002					
144	2371/DELNP/2004	PCT/IN02/00075	10/108,593 dt. 28/3/2002 US	India	Council of Scientific & Industrial Research, Rafi Marg, N.Delhi.	Intensity Modulated fiber optic temperature switching immersion probe.	
	Dt.: 13/08/2004	Dt.: 27/03/2002					
145	2372/DELNP/2004	PCT/IB02/01073	10/066,802 dt. 06/02/2002 US	India	Council of Scientific & Industrial Research, Rafi Marg, N.Delhi.	A use of treatment for fungal infections with a synergistic formulation of anti fungal agents.	A61K 31/4174
	Dt.: 13/08/2004	Dt.: 25/03/2002					
146	2373/DELNP/2004	PCT/IN02/00103	10/109,369 dt. 29/3/2002 US	Indonesia	Council of Scientific & Industrial Research, Rafi Marg, N.Delhi.	Chemo-enzymatic synthesis of optically enriched rose-oxides.	C12P 41/00
	Dt.: 13/08/2004	Dt.: 08/04/2002					
147	2374/DELNP/2004	PCT/US03/04798	60/357,210 dt. 14/2/2002 USA	United States of America	Votehere, Inc., Suite 425, 155-108 Avenue N.E., Bellevue, WA 98004, USA	A coercion-free voting scheme.	G06F
	Dt.: 13/08/2004	Dt.: 14/02/2002					

**ALTERATION OF DATE UNDER SECTION 16**

194084 (566/CAL/2002) ANTEDATED TO 01-07-1996.

194169 (499/CAL/2001) ANTEDATED TO 09-08-1999.

**अभिगृहित पूर्ण विनिर्देश**

एतद् द्वारा सूचना दी जाती है कि आवेदनों में किसी पर पेटेंट अनुदान का विरोध करने वाले इच्छुक व्यक्ति राजपत्र के इस निर्गमन की तिथि से चार महीने के भीतर या उक्त चार महीने की समाप्ति के पूर्व, प्ररूप 4 में यदि आवेदित किया हुआ हो, तो परवर्ती एक महीने के भीतर, किसी समय, नियंत्रक, पेटेंट को ऐसे विरोध की सूचना प्ररूप 7 में उपयुक्त कार्यालय में दे सकते हैं। विरोध का लिखित कथन साक्ष्य के साथ, यदि कोई हो, दो प्रतियों में उक्त सूचना के साथ या अगले दो महीने की अवधि के भीतर दाखिल किया जाए। इस संदर्भ में, यथा संशोधित पेटेंट अधिनियम, 1970 की धारा 25 एवं पेटेंट नियम, 2003 के नियम 55 से 57 का अवलोकन किया जा सकता है।

उपयुक्त कार्यालय द्वारा विनिर्देश एवं चित्र आरेख, यदि हो, के छायाप्रति की आपूर्ति छायाप्रति शुल्क के रूप में प्रति पृष्ठ रु. 4/- की अदायगी पर की जा सकती है।

**COMPLETE SPECIFICATION ACCEPTED**

Notice is hereby given that any person interested in opposing the grant of a Patent on any of the Applications, may, at any time within four months from the date of this issue of Gazette or within further period of one month if applied for in Form 4 before the expiry of the said period of four months, give notice to the Controller of Patents at the Appropriate Office on Form 7 of such opposition. The Written Statement of Opposition accompanied by evidence, if any, should be filed in duplicate along with the said notice or within further period of two months. Section 25 of The Patents Act, 1970 as amended and Rules 55 to 57 of The Patents Rules, 2003 may be referred to in this regard.

Photo copies of the specification and drawings, if any, can be supplied by the Appropriate Office on payment of photocopying charges @ Rs. 4/- per page.

Int. Cl<sup>7</sup> : G05B 13/00

Ind. Cl : 206 E

Title : METHOD FOR THE DESIGN OR CONTROL OF THE PROCESS  
SEQUENCE OF A PLANT IN THE BASIC MATERIALS  
INDUSTRY

Applicant : SIEMENS AKTIENGESELLSCHAFT, OF  
WITTELSCHACHERPLATZ 2, 80333, MUENCHEN, GERMANY

Inventor : 1. THOMSA PEUKER  
2. DR. DRIEDEMANN SCHMID  
3. DR. OTTO GRAMCKOW  
4. GUENTER SORDEL

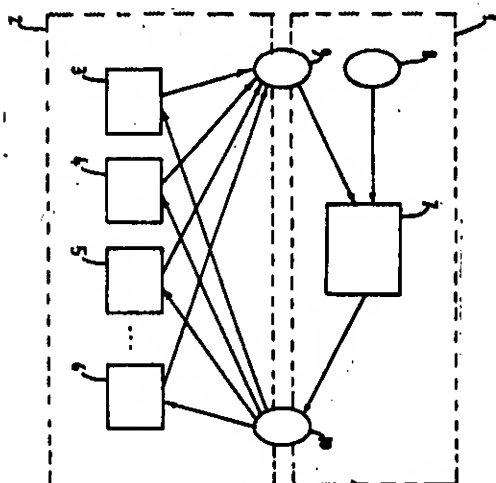
Application no 1566/CAL/1997 FILED ON 26.8.1997  
(CONVENTION NO. 19637917.2 FILED ON 17.9.1996 IN GERMANY.)

194071

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES  
2003) PATENT OFFICE KOLKATA.*

**15 CLAIMS.**

Method for the design or control of the process sequence of a plant in the basic materials industry, in particular a steel mill or rolling mill, decision variables about the process sequences being optimized by means of a logic rule which optimizes the decision variables about the process sequence on the basis of a process model, characterized in that the process model is distributed to two model levels, a higher-order model level (1), and a lower model level (2), the lower model level (2) having partial models (3, 4,5,6) which are linked by at least one model (7) at the higher order model level (1).



**Complete Specification : 9 pages.**

**Drawing : 2 sheets**

Int. Cl.<sup>7</sup> : G06K - 7/10  
 Incl. Cl : 64B  
 Title : SYSTEM FOR ACCESS CONTROL FROM A DATA STATION TO  
 MOBILE DATA CARRIERS.  
 Applicant : SIEMENS AKTIENGESELLSCHAFT, OF  
 WITTELSCHACHERPLATZ 2, 80333, MUENCHEN, GERMANY

194072

Inventor : ROBERT REINER  
 Application no 1140/CAL/1996 FILED ON 19.06.1996  
 (CONVENTION NO.19528599.9 FILED ON 03.08.1995 IN GERMANY.)

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES  
 2003) PATENT OFFICE KOLKATA.*

### 10 CLAIMS.

System for access control from data station to mobile data carriers comprising at least two mobile data carriers (51) and one data station (61), each mobile data carrier having

- a tuned circuit (56) for inductively coupled signal transmission to the data station (61), the oscillation of which tuned circuit (56) can be modulated either with a signal at a first frequency ( $f_1$ ) or with a signal at a second frequency ( $f_2$ ) as a function of a bit, which is to be transmitted, of an identification tag,

the data station having

- a tuned circuit (60) for inductive reception of signals which are transmitted from the data carriers,
- filter means (64,65) which are coupled to the tuned circuit (60), for separating the received signal into a frequency range containing the first frequency ( $f_1$ ) and a frequency range containing the second frequency ( $f_2$ ), each frequency being assigned to one bit value in the identification tag,

the data carriers (51) being constructed to transmit an identification tag synchronously on request of the data station, and

- a control device (68) which is coupled to the filter means (64,65) and by means of which the reception of two different bit values located at the same bit position in the identification tag can be confirmed,



said control device (68) being constructed to control said data station (61) such that, if two different bit values have been confirmed by the control device (68) as having been received at at least one bit position in the identification tag, those data carriers (51) whose identification tag have a bit value different from the bit value defined by the data station (61) at the bit position, are changed to a passive state by an instruction from the data station and the data carriers (51) whose identification tag have a bit value defined by the data station (61) at the bit position are instructed by the data station (61) to transmit at least a part of the identification on tag once again.

0	0	1	0	1	1	0	1
---	---	---	---	---	---	---	---

 (a)

0	0	0	0	1	0	1	0
---	---	---	---	---	---	---	---

0	0	1	0	1	0	0	1
---	---	---	---	---	---	---	---

0	0	1	0	1	1	0	1
---	---	---	---	---	---	---	---

 (b)

0	0	1	0	1	1	0	1
---	---	---	---	---	---	---	---

 (c)

0	0	1	0	1	1	0	1
---	---	---	---	---	---	---	---

 (d)

Int. Cl.<sup>7</sup> : 65A 4

194073

Ind. Cl : H02M- 3/335

Title : A SWITCHED POWER SUPPLY

Applicant : THOMSON CONSUMER ELECTRONICS, INC. OF 10330, NORTH  
MERIDIAN STREET, INDIANAPOLIS, INDIANA 46290-1024,  
USA.

Inventor : KEVIN MICHAEL WILLIAMS

Application no 2137/CAL/1997 FILED ON 12.11.1997

(CONVENTION NO.08/749. FILED ON 15.11.1996 IN USA)

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES  
2003) PATENT OFFICE KOLKATA.*

### 9 CLAIMS.

A switched power supply (10) comprising:

a voltage source (RAW B<sup>+</sup>) a transformer (T1) and a switching  
controller (U1) coupled for switched-mode generation of an output  
supply voltage;

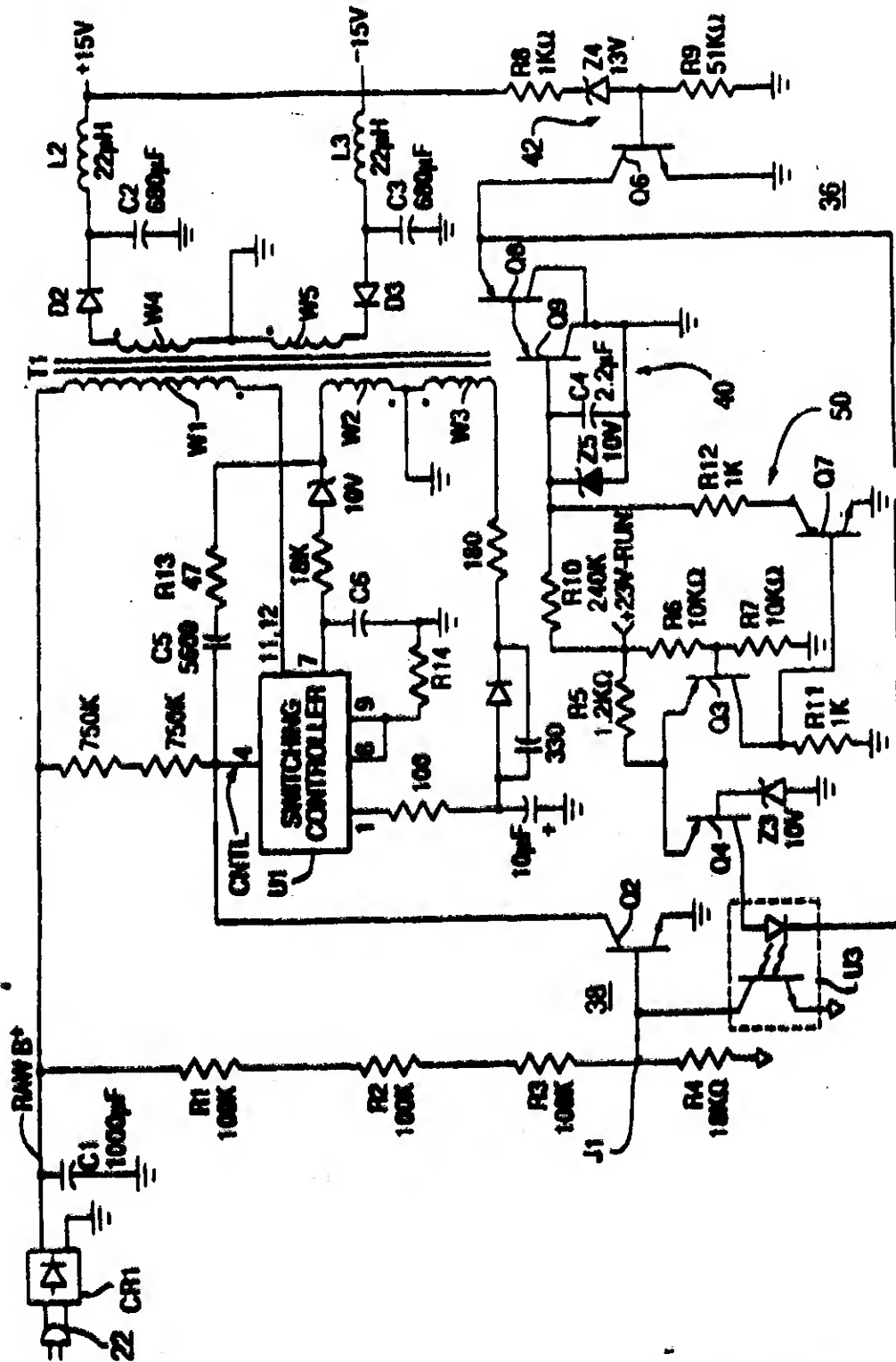
a feedback winding (W3) for regenerating the said switched  
mode operation responsive to loading on said output supply  
voltage;

characterized in that

a switching circuit (16) responsive to an on/off signal (+23  
V-RUN) for turning the said switched power supply (10) on and off  
by controlling conduction in a conduction path, the said switched  
power supply (10) being turned on by a conductive condition in  
said conduction path,

a delay circuit (40) responsive to said on/off signal (+23  
V RUN) and continuously energized by current after said switched  
power supply (10) is turned on; and

a reset circuit (50) responsive to the said switching  
circuit (16) for discharging energy from said delay circuit (40)  
when the said switched power supply (10) is turned off.



Complete Specification : 17 pages.

Drawing : 5 sheets

Int. Cl<sup>7</sup> : H01H -- 033/02, 044/04, 033.42, 033/66 9/34

Ind. Cl : 69,67

Title : ARC-EXTINGUISHING CHAMBER FOR LOW-VOLTAGE  
CIRCUIT BREAKERS.

Applicant : SIEMENS AKTIENGESELLSCHAFT, OF  
WITTELSACHERPLATZ 2, 80333, MUENCHEN, GERMANY

Inventor : SEZAU TUERKMEN

Application no 1333/CAL/1997 FILED ON 15.07.1997  
(CONVENTION NO. 29612636.5 FILED ON 15.7.1996 IN GERMANY.)

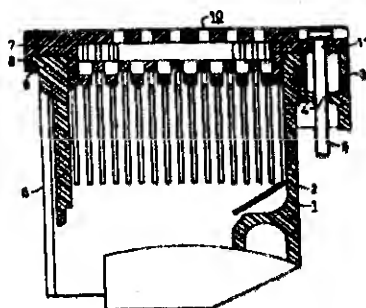
194074

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES  
2003) PATENT OFFICE KOLKATA.*

### 6CLAIMS.

**An arc extinguishing chamber for a low voltage circuit breakers comprising:**

- an extinguishing chamber housing (1) having a hollow extension (3) on a side (2) for attaching to the circuit breaker, the hollow extension (3) having a hole (4) for receiving a fastening screw (5); and
- an extinguishing chamber cover (10) attached to said extinguishing chamber housing (1), the extinguishing chamber housing (1) having at least one horizontal nose-like projection (8, 14, 15) on a upper rim (9) of at least one wall (2, 12,13) of the extinguishing chamber housing (1) for attaching said extinguishing chamber cover (10) to the extinguishing chamber housing (1), the extinguishing chamber cover (10) having at least one claw like extension (9, 16,17) for gripping said at least one horizontal nose-like projection (8,14,15) and a hole (11) aligned with said hole (4) in said hollow extension (3) of said extinguishing chamber housing (1), the fastening screw (5) extending through said aligned holes (4, 11) and into a matching thread of said circuit breaker.



**Complete Specification : 10 pages.**

**Drawing : 2s sheets**

Int. Cl.<sup>7</sup> : D01H 1/08

Ind. Cl : 172D8 (XX)

Title : A POT-SPINNING DEIVCE

Applicant : 1. W.SCHLAFHORST AG & CO. POSTFACH 100435, D-41004  
MONCHENGLADBACH, GERMANY.  
2. FORSCHUNGSZENTRUM JULICH GMBH, OF WILHELM-  
JOHNEN-STRASSE, D-52425, JULICH, GERMANY.

Inventor : 1. KARL KOLTZE.  
2. JOHAN K. FREMEREY

Application no 1542/CAL/1997 FILED ON 21.08.1997  
(CONVENTION NO.P19637270.4 FILED ON 13.9.1996 IN GERMANY.)

194075

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.*

### **22 CLAIMS.**

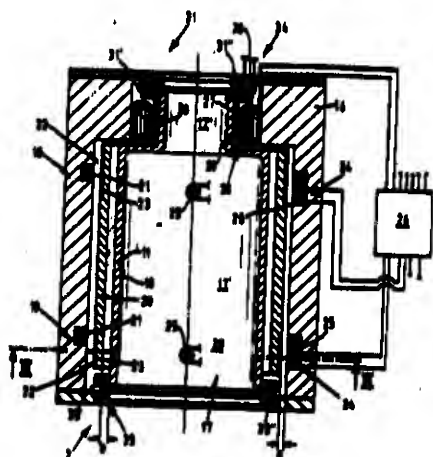
A pot spinning device (2) comprising :

A spinning housing (16) a spinning centrifuge (11), rotating at a high number of revolutions inside said spinning housing;

A rotatably seated centrifuge sheathing (20) arranged between the spinning housing and the spinning centrifuge;

Said centrifuge sheathing is dragged along by the rotating spinning centrifuge by means of air friction;

Characterized in that spinning centrifuge (11) and the centrifuge sheathing (20) are respectively seated in magnetic bearings (31,35; and 18,19; 41,45).



*Complete Specification : 22 pages.*

*Drawing : 7 sheets*

Int. Cl.<sup>7</sup> : F16D 13/04

194076

Ind. Cl : 134B

Title : A BALL RAMP ACTUATOR FOR ROTATIONALLY COUPLING  
TWO ROTATING ELEMENTS

Applicant : EATON CORPORATION, OF EATON CENTER, 1111 SUPERIOR  
AVENUE, CLEVELAND, OHIO 44114-2584, USA

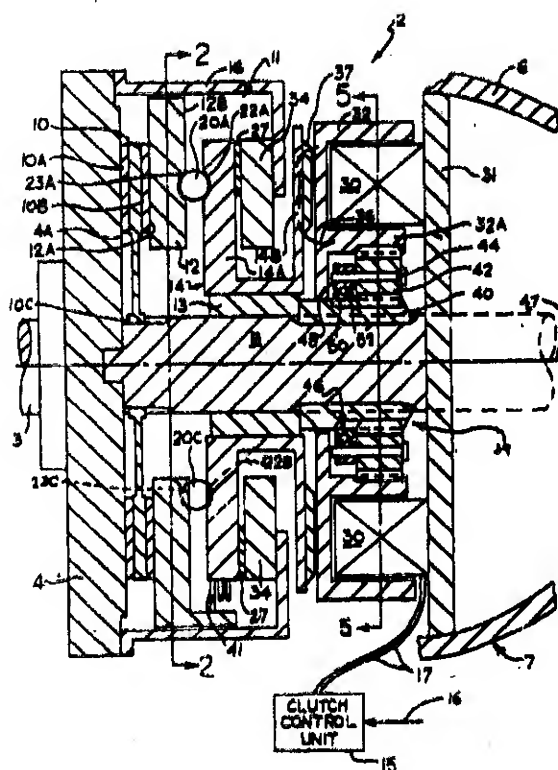
Inventor : 1. GREGORY JOSEPH ORGANEK.

2. DAVID MICHAEL PRESTON

Application no 2284/CAL/1997 FILED ON 04.12.1997  
(CONVENTION NO.08/766,838 FILED ON 13.12.1996 IN USA)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES  
2003) PATENT OFFICE KOLKATA.

### 11 CLAIMS.



A ball ramp actuator for rotationally coupling two rotating elements comprising:

an input element driven by a prime mover and rotating about an axis of rotation;

an output element having an axis of rotation coaxial with said axis of rotation of said input element for rotating an output device;

a ball ramp mechanism for generating an axial movement comprising; an annular control ring having an axis of rotation, said control ring having a plurality of circumferential control formed in a first face of said control ring, said control ramps varying in axial depth, an equivalent number of rolling elements one occupying each of said control ramps, an actuation ring having an axis of rotation coaxial with said axis of rotation of said control ring, said actuation ring having a plurality of actuation ramps substantially identical in number, shape and radial position to said control ramps where said actuation ramps at least partially oppose said control ramps and where each of said rolling elements is contained between one of said actuation ramps and a respective control ramp, said control ring being axially and rotationally moveably disposed relative to said actuation ring; characterised in that

a planetary gearset having an annulus electromagnetically coupled to said is disposed and a sun gear rotatably driven by said output element where plurality of planet gears couple said sun gear being provided annulus the planet gears being circumferentially spaced from one another by carrier rings;

***Complete Specification : 20 pages.***

***Drawing :3 sheets***

Int. Cl.<sup>7</sup> : D04H 1/54, D04H 1/60 194077

Ind. Cl : 155D

Title : CLUSTERS OF BONDED THERMOPLASTIC FIBERS AND A  
PROCESS FOR PREPARING THE SAME.

Applicant : E.I DUP PONT DE NEMOURS AND COMPANY, OF DELAWARE,  
USA.

Inventor : MARCUS ILAM

Application no : 1149/CAL/1997 FILED ON 17.6.1997  
(CONVENTION NO.60/020671 FILED ON 28.6.1996 IN USA.)

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES  
2003) PATENT OFFICE KOLKATA.*

**12 CLAIMS.**

Clusters of bonded thermoplastic fibers , the fibers having crimped configuration and being bonded together at a location that extends along a minor proportion of the length of the fibers, characterised in that the bonding locations vary along the length's of the fibers in different clusters in the filling materials.

***Complete Specification : 22 pages.***

***Drawing :3 sheets***



Int. Cl.<sup>7</sup> : C08L 07/02 D01F 6/84 D01D 5/253

Ind. Cl : 32

Title : PROCESS FOR PREPARING NEW BASIC-DYEABLE  
ETHYLENE TEREPHTHALATE COPOLYESTER POLYMER

Applicant : E.I DUP PONT DE NEMOURS AND COMPANY, OF DELAWARE,  
USA.

Inventor : 1. HARVEY GENE ANDERSON  
2. ARUN PAL ANEJA.  
3. ROBERT LEE EDMUNDSON  
4. ADRIAN CHALES SNYDER/

194078

Application no 67/CAL/1998 FILED ON 14.1.1998  
(CONVENTION NO. 08/799,514 FILED ON 12.2.1997 IN USA.)

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES  
2003) PATENT OFFICE KOLKATA.*

### **5CLAIMS.**

Process for preparing new basic-dyeable ethylene terephthalate copolyester polymer comprising:

- (1) forming a monomer by a transesterification reaction between ethylene glycol and dimethyl terephthalate in a mole ratio of 1.5-2.5:1 while introducing into the reaction a trifunctional or tetrafunctional silicate ortho ester and the sodium salt of dimethyl 5-sulfoisophthalate mixed in with at least some of said ethylene glycol;
- (2) passing the resulting monomer via, transfer piping while introducing therein a slurry of finely divided titanium dioxide in some of said ethylene glycol to a polymerization vessel, and
- (3) effecting polymerization of said monomer in a series of polymerization vessels while reducing the pressure to remove byproduct ethylene glycol and increasing the temperature.

*Complete Specification :36 pages.*

*Drawing :2 sheets*

Int. Cl.<sup>7</sup> : A01M 10/46

Ind. Cl : 206E

Title : IMPROVED BATTERY PACK HOLDING STRUCTURE FOR ELECTRONIC DEVICE.

Applicant : MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD OF  
1006, OAZA KADOMA, KADOMA-SHI, OSAKA, JAPAN

Inventor : 1. AKINORI OHIRA.  
2. TETSUJA KUBO.  
3. NORIYOSHI SATO.  
4. KAZUTOSHI ICHINOSE

Application no 1882/CAL/1997 FILED ON 07/10/1997  
(CONVENTION NO.8-268587 FILED ON 09/10/1996 IN JAPAN.)

194079

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.*

### 8 CLAIMS.

An improved battery pack holding structure for electronic device comprising a telephone body (2) and a battery pack (3) installed on a battery mount (4) of said telephone body (2) said battery mount (4) having formed thereon a positioning protrusion (8) and a fixing claw (10), the battery pack (3) having fixing recesses (6) and (11) formed in ends thereof and a positioning recess (9) formed at the bottom of the said battery pack, the said battery pack being characterized by –

a holding member provided on a first end portion (6) of the battery mount (4) for holding a first end portion of the battery pack (3) on the said battery mount, and

a hook assembly (20) provided on a second end portion of the battery mount (11) opposite to the first end portion for holding the second end portion of the battery pack (3) opposite to the first end portion (6) on the battery mount (4), said hook assembly including a spring and a protrusion (12) which is urged by a spring pressure produced by the spring (14) into constant engagement with a recesses (22) formed in second end portion of the battery pack (3) so as to split the spring pressure into a horizontal pressure and a vertical pressure, the horizontal pressure urging the second portion of the battery pack (11) against said holding member to eliminate any horizontal play by the battery pack on the battery mount (4), the vertical pressure urging the second end portion of the battery pack (11) against the said battery mount to eliminate any vertical play of the battery pack on the battery mount.

An improved battery pack holding structure for electronic device comprising a telephone body (2) and a battery pack (3) installed on a battery mount (4) of said telephone body (2) said battery mount (4) having formed thereon a positioning protrusion (8) and a fixing claw (10), the battery pack (3) having fixing recesses (6) and (11) formed in ends thereof and a positioning recess (9) formed at the bottom of the said battery pack, the said battery pack being characterized by --

a holding member provided on a first end portion (6) of the battery mount (4) for holding a first end portion of the battery pack (3) on the said battery mount, and

a hook assembly (20) provided on a second end portion of the battery mount (11) opposite to the first end portion for holding the second end portion of the battery pack (3) opposite to the first end portion (6) on the battery mount (4), said hook assembly including a spring and a protrusion (12) which is urged by a spring pressure produced by the spring (14) into constant engagement with a recesses (22) formed in second end portion of the battery pack (3) so as to split the spring pressure into a horizontal pressure and a vertical pressure, the horizontal pressure urging the second portion of the battery pack (11) against said holding member to eliminate any horizontal play by the battery pack on the battery mount (4), the vertical pressure urging the second end portion of the battery pack (11) against the said battery mount to eliminate any vertical play of the battery pack on the battery mount.



IND. CLY : B01D 3/06, 3/00

194080

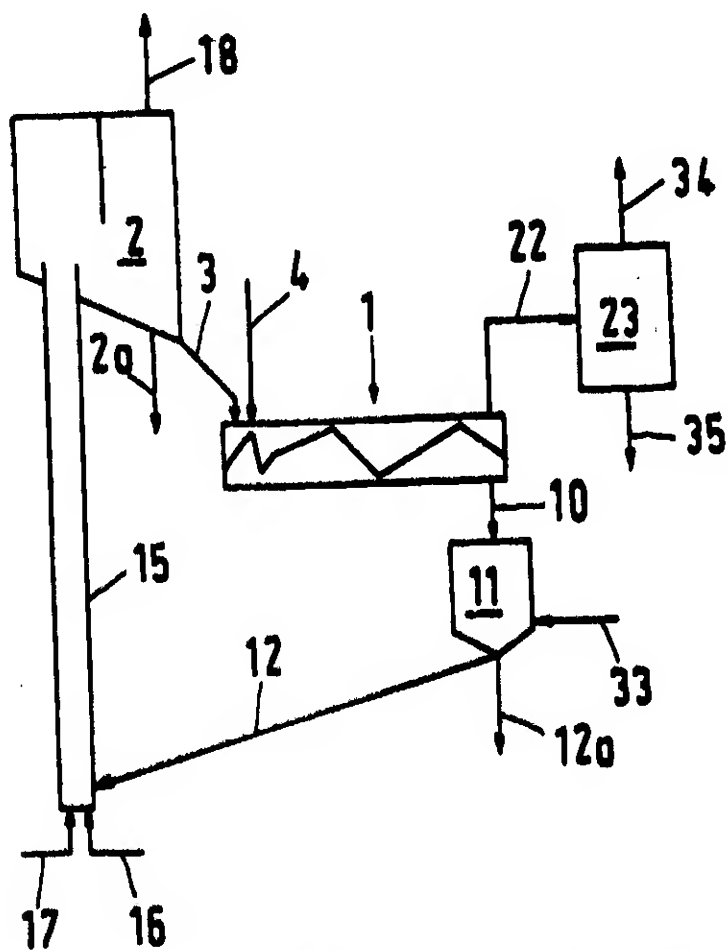
Ind. Cl : 56A 40E

Title : PROCESS FOR HIGH-TEMPERATURE FLASH DISTILLATION  
OF RESIDUE OILApplicant : METALLGESELLSCHAFT AKTIENGESELLSCHAFT, OF  
BOCKENHEIMER LANDSTRASSE 73-77, D-60325,  
FRANKFURT AM MAIN, GERMANYInventor : 1. HANS-JURGEN WEISS  
2. JORG SCHMALFELD.  
3. UDO ZENTNER.  
4. INGO DREHER.  
5. WILLIBALD SERRAND.

Application no 1986/CAL/1997 FILED ON 22.10.1997

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES  
2003) PATENT OFFICE KOLKATA.***12 CLAIMS.**

Process for high-temperature flash distillation of a liquid residue oil originating from processing crude oil, natural bitumen or oil sand to obtain product oil, wherein granular, hot coke as a heat carrier (heat carrier coke) is mixed with the residue oil in a mixer whereby 60 to 90 wt. % of the residue oil is vaporised, in the mixer the non-volatile portion of the residue oil containing the metal-laden asphaltenes is converted in the mixture containing the heat carrier to oil vapour, gas and coke, from the mixer the gases and vapours and the granular coke are separately withdrawn, gases and vapours are cooled and a product oil as a condensate and gas are produced, the granular coke withdrawn from the mixer is reheated and recirculated to the mixer as heat carrier, characterized in that the liquid residue oil is mixed in the mixer with heat carrier coke having a temperature of 500 to 700 °C at a weight ratio of 1 : 3 to 1 : 30, at least 80 wt. % of the heat carrier coke has a grain size range of 0.1 to 4 mm, at the beginning of the mixing process a liquid residue film is formed on the heat carrier coke particles, the greater part of said film is vaporized in the mixer at as low an operating temperature as possible in the range of 450 to 600 °C and the remaining liquid residue film on the coke is converted to oil vapour, gas and coke during a retention time of 6 to 60 seconds, the coke discharged from the mixer is dry, largely free from liquid components and exhibits good flow properties and the gases and vapours liberated are withdrawn from the mixer after a retention time of 0.5 to 5 seconds.



**Complete Specification : 13 pages.**

**Drawing : 2 sheets**

Invt. Cl<sup>7</sup> : C22C 37/06 37/08 F16C 33/00

Ind. Cl : 9D, 15D, 33H

Title : A PROCESS FOR THE PREPARATION OF CASTING MATERIAL FOR MACHINE PARTS UNDER SLIDING LOAD.

Applicant : KSB AKTIENGESELLSCHAFT, OF JOHANN-KLEIN-STRASSE 9, 67227 FRANKENTHAL GERMANY.

194081

Inventor : 1. ANJA DWARS.  
2. KARL GAFFAL.  
3. WOLFGANG PRECHTL.  
4. JORG SCHROPPER

Application no 2007/CAL/1997 FILED ON 24.10.1997  
(CONVENTION NO.19644204.4 FILED ON 24.10.1996 IN GERMANY.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

### 2 CLAIMS.

A process for the preparation of casting material for machine parts under sliding load, especially for fluid-lubricated friction bearings, comprising preparing by known steps, a composition in percentage by weight of:

1.5-13.0 Cr  
≤ 5.0 Ni  
≤ 2.0 Mo  
≤ 3.0 Si  
≤ 1.0 Mn  
3.0-6.0 C,

rest being Fe and smelting-caused impurities,  
the structural composition being with ferritic, ferritic-paritic or bainitic matrix with simultaneous presence of chromium carbides and free carbon.

Complete Specification : 5 pages.

Drawing : NIL

Int. Cl<sup>7</sup> : F01N 3/30

194082

Ind. Cl : 107E  
 Title : AIR INTAKE SYSTEM OF A MOTORCYCLE  
 Applicant : KWANG YANG MOTOR CO. LTD, OF NO. 35, WAN-HSING ST.,  
 SAN-MING DIST. KAOHSIUNG CITY, TAIWAN, REPUBLIC OF  
 CHINA

Inventor : CHEN-HUNG SHICH  
 Application no : 1086/CAL/1997 FILED ON 09.06.1997

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES  
 2003) PATENT OFFICE KOLKATA.

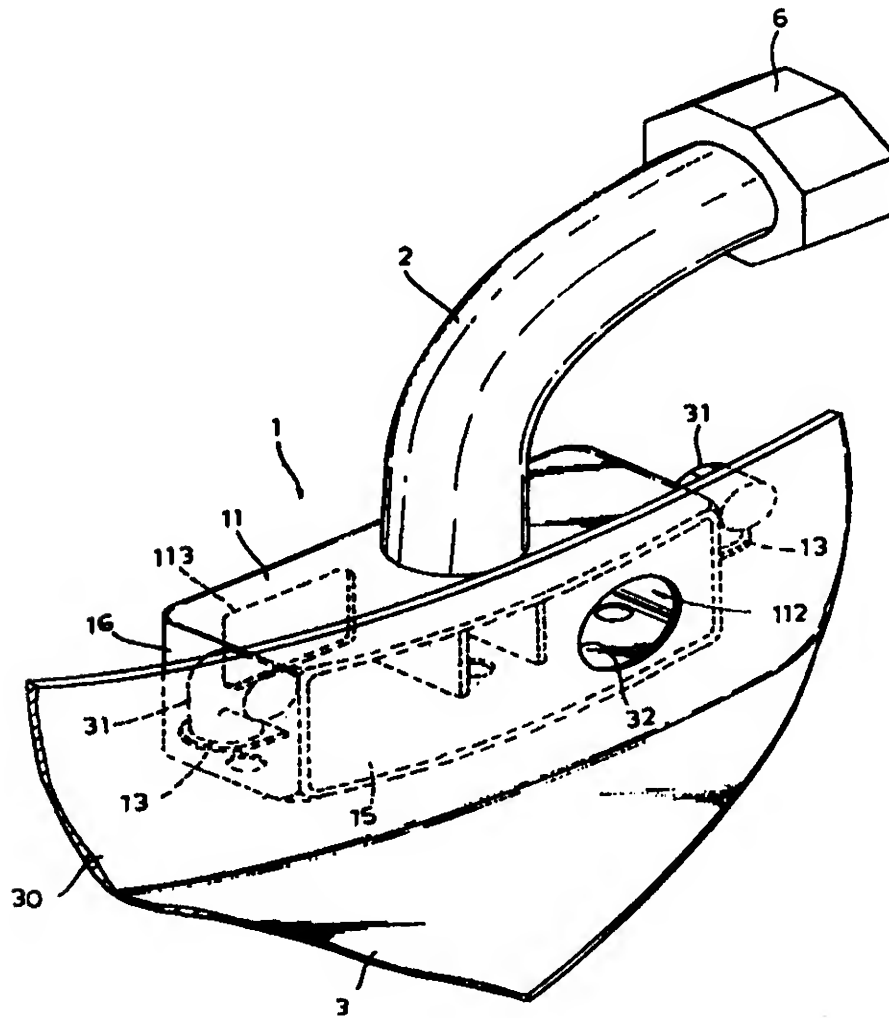
### 6CLAIMS.

An air intake system of a motorcycle, comprising an air filter unit (6) with an inlet port (61), ~~an~~ an air intake hole (32) formed in a body portion (30) of said motorcycle, characterized in that

a hollow casing (1) mounted adjacent to said air intake hole (32) of said motorcycle and having top and bottom walls (11,15), a side wall (16) interconnecting said top and bottom walls (11,15), and an inlet opening (17) which is formed in said side wall (16) and which is in fluid communication with said air intake hole (32), said bottom wall (15) having a partition plate (12) which extends upwardly therefrom in order to define cooperatively with said side wall (16), a main inlet chamber (112) in said casing (1), and at least one water drain hole (114) being in fluid communication with said main inlet chamber (112), said main inlet chamber (112) being aligned generally with said air intake hole (32), said top wall (11) of said casing (1) having an exhaust hole (111) which is distal from said air intake hole (32); and

a tube (2) interconnecting said inlet port (61) of said air filter unit (6) and said exhaust hole (111) of said casing (1).





*Complete Specification : 8 pages.*

*Drawing : 4 sheets*

Int. Cl <sup>7</sup>	:	H04 Q 7/00, H04M 15/00	194083
Ind. Cl	:	206	
Title	:	METHOD AND SYSTEM DETERMINING THE LOCATION OF A MOBILE SUBSCRIBER REGISTERED IN A CELLULAR MOBILE RADIO NETWORK	
Applicant	:	SIEMENS AKTIENGESELLSCHAFT, OF WITTELSACHERPLATZ 2, 80333, MUENCHEN, GERMANY	
Inventor	:	ULRICH WIEHE	
Application no	:	1533/CAL/1997 FILED ON 20.08.1997	
	:	(CONVENTION NO.19635581.8 FILED ON 02.09.1996 IN GERMANY.)	

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

### CLAIMS.

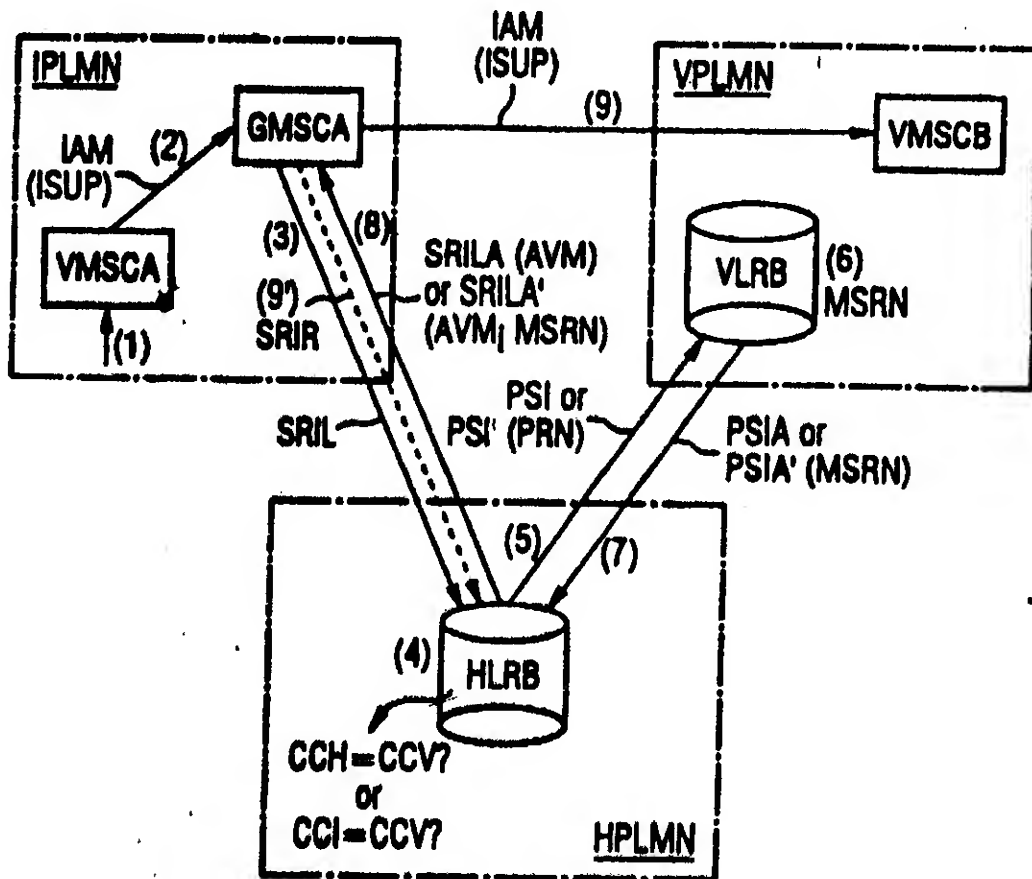
Method for determining the location of a mobile subscriber registered in a cellular radio network for optimal routing in the case of a mobile terminated call, in which

- on the basis of the subscriber call number of the called mobile subscriber, an internetwork message (SRIL) for interrogating location is sent from a gateway mobile switching centre (GMSCA) of a first network (IPLMN) to a home location register (HLRB) of another network (HPLMN) in which the mobile subscriber is permanently registered with his subscriber data,

- the home location register (HLRB) directs a message (PSI or PSI') for interrogating the location to a visitor location register (VLRB) of a further network (VPLMN) in which the mobile subscriber is currently registered due to his current location and allocates a visited mobile switching centre (VMSCB) to the visitor location register (VLRB), and in which

- for supporting optimal routing, a check is made whether a direct connection can be established between the gateway mobile switching centre (GMSCA) and the visited mobile switching centre (VMSCB) for reasons of charging for the call,

characterized in that when the message (SRIL) for location interrogation is received, the home location register (HLRB) checks the feasibility of setting up the direct connection and, if the result of the check is positive, sends a modified message (PSI') additionally containing a code (PRN) for requesting a temporary mobile subscriber roaming number (MSRN) to the visitor location register (VLRB).



Complete Specification : pages.

Drawing : sheets

Int. Cl<sup>7</sup> : C12P 07/06 C12P07/40

194084

Ind. Cl : 32F3

Title : A PROCESS FOR PRODUCING ACETIC ACID

Applicant : BIOENGINEERING RESOURCES INC, OF 1650, EMMAUS  
ROAD, FAYETTEVILLE, ARKANSAS 72701, USA

Inventor : GADDY JAMES

Application no : 566/CAL/2002 FILED ON 30.09.2002

(DIVIDED OUT OF NO. 1209/CAL/1996 ANTEDATED TO 01.07.1996)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES

2003) PATENT OFFICE KOLKATA.

### 31 CLAIMS.

A process for producing acetic acid, or a salt thereof,  
comprising the steps of:

(a) providing a continuous flow of gas selected from the  
group consisting of:

- (i) a gas comprising carbon monoxide;
- (ii) a gas comprising carbon monoxide and hydrogen; and
- (iii) a gas comprising hydrogen and carbon dioxide;

into a bioreactor;

said bioreactor comprising an aqueous nutrient medium and  
anaerobic, acetogenic bacterium *C. ljungdahlii* ERI-2;

(b) directing a continuous flow of said aqueous nutrient  
medium into said bioreactor;

(c) fermenting said gas and said nutrient medium using said  
anaerobic, acetogenic *C. ljungdahlii* ERI-2 bacterium at a pH of  
less than 5.1;

wherein at least 2 g/L of said acetic acid is produced in  
free acid form in said bioreactor in a liquid effluent.

Complete Specification : 49 pages.

Drawing : NIL

Int. Cl<sup>7</sup> : A61K 31/125 C07C 217/74 194085

Ind. Cl : 55 E 4

Title : AN IMPROVED PROCESS FOR THE PREPARATION OF VENLAFAXINE

Applicant : TORRENT PHARMACEUTICALS LTD OF CENTRAL PLAZA ,  
1<sup>ST</sup> FLOOR, ROOM # 106, 2/6 SARAT BOSE ROAD , CALCUTTA  
700 020, WEST BENGAL, INDIA.

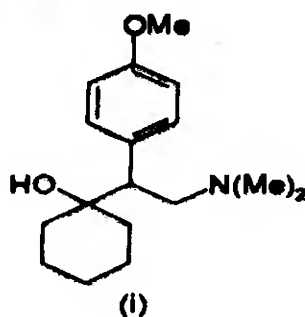
Inventor : SUNIL NADKARNI SADANAND

Application no : 78/CAL/2003 FILED ON 13/02/2003

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.*

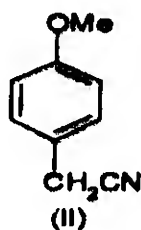
**21 CLAIMS.**

An improved process for the preparation of Venlafaxine i.e. 1-[2-(dimethylamino)-1-(4-methoxyphenyl) ethyl]cyclohexanol of formula (I) and its pharmaceutically acceptable salts,



which comprises the steps of

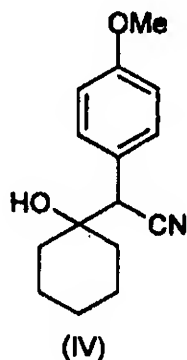
(a) condensing 4-methoxy phenyl acetonitrile (II)



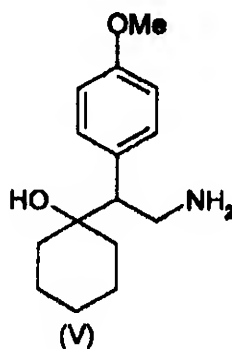
with cyclohexanone (III)



using base such as herein described in an alcoholic solvent such as herein described at a temperature range of  $-5^{\circ}$  to  $15^{\circ}\text{C}$  to produce 1-[cyano(4-methoxyphenyl) methyl] cyclohexanol (IV)



(b) reducing the 1-[cyano(4-methoxyphenyl)methyl]cyclohexanol (IV) with  $\text{NaBH}_4$  in presence of carboxylic acid such as herein described in an aprotic solvent such as herein described at a temperature range of  $25^{\circ}$  to  $80^{\circ}\text{C}$  to prepare 1-[2-amino-1-(4-methoxyphenyl)ethyl]cyclohexanol (V)



- C) converting the 1-[2-amino-1-(4-methoxyphenyl)ethyl]cyclohexanol (v) in to Venlafaxine  
(i) or its pharmaceutically salts like hydrochloride by manner known per se.

*Complete Specification : 21 pages.*

*Drawing : NIL*

Int. Cl<sup>7</sup> : H01J 61/78 61/80, 61/067, 61/36

Ind. Cl : 194C(6)

Title : FLUORESCENT LAMP

Applicant : PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE  
GLUEHLAMPEN MBH, OF HELLABRUNNER STR. 1, 81543  
MEUNCHEN, GERMANY.

194086

Inventor : 1. FRANJK VOLLKOMMER.  
2. LOTHAR HITZSCHKE.  
3. SIMON JEREBIC

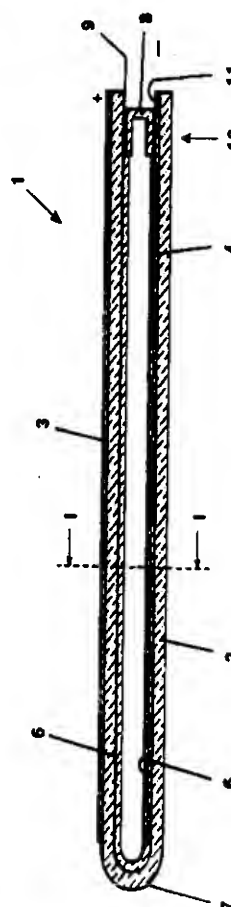
Application no 695/CAL/1998 FILED ON 21.04.1998  
(CONVENTION NO.19718395.6 FILED ON 30.04.1997 IN GERMANY.)

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES  
2003) PATENT OFFICE KOLKATA.*

### 10 CLAIMS.

Fluorescent lamp (1) having an at least partially transparent closed, tubular discharge vessel (2) which is filled with a gas filling and made from an electrically nonconducting material, which discharge vessel (2) has on its inner wall at least partially a layer of a fluorescent material or mixture of fluorescent materials (6), and having elongated electrodes (3; 4; 12; 14a-14d) arranged parallel to the longitudinal axis of the tubular discharge vessel (2), at least the electrode(s) of one polarity being separated by a dielectric (2; 13; 15a-15d) from the interior of the discharge vessel, characterized in that

- at least one electrode (4; 12; 14a-14d) is arranged on the inner wall of the discharge vessel (2),
- the at least one inner wall electrode (4; 12; 14a-14d) is additionally further constructed as a bushing (10) and the latter, in turn, is further constructed as an external supply lead (11), that is to say that each inner wall electrode (4), the associated bushing (10) thereof and associated external supply lead (11) are constructed in each case as functionally differing subregions of a unilateral common structure (4, 10, 11) resembling a conductor track.



*Complete Specification : 19 pages.*

*Drawing : 5 sheets*

Int. Cl' : H03C 1/52, H04L 27/04 194087

Ind. Cl : 206 I

Title : MEHTHOD FOR TRANSMISSION OF DATA BETWEEN A  
TERMINAL AND A PORTABLE DATA CARRIER OVER A  
WIRELESS ELECROMAGNETIC TRANSMISSION STRETCH

Applicant : SIEMENS AKTIENGESellschaft, OF  
WITTELSACHERPLATZ 2, 80333, MUENCHEN, GERMANY

Inventor : ROBOT REINER

Application no 1541/CAL/1997 FILED ON 21.08.1997  
(CONVENTION NO.19634134.5 FILED ON 23.08.1996 IN GERMANY.)

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES  
2003) PATENT OFFICE KOLKATA.*

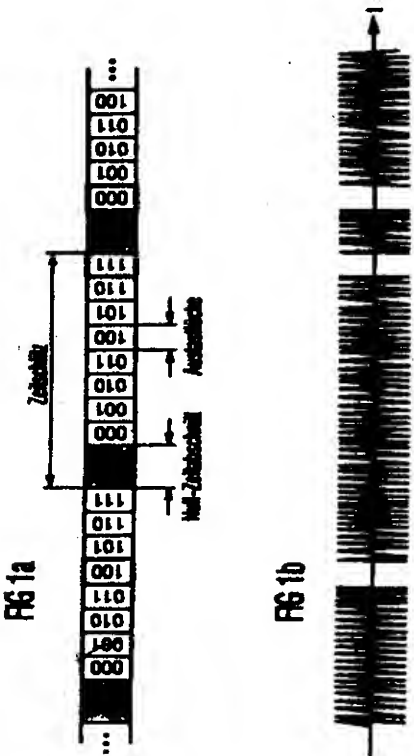
**4 CLAIMS.**

An improved method for transmitting data between a terminal and a portable data carrier via a wireless electromagnetic transmission link, the improvement comprising the step of:

transmitting a carrier signal that is amplitude shift keying (ASK) modulated in accordance with the data and the carrier signal serving as a clock signal for the portable data carrier, a significance of the data determined by a position of a shift keying point in the carrier signal within a time slot, an information content of the shift keying point corresponding to a number of N bits where N being greater than or equal to 2 and a significance of the N bits defined by the position of the shift keying point within  $2^N$  possible positions within the time slot

wherein one of a start and an end of the time slot there is a zero time period in which no shift keying point occurs in the data to be transmitted.





Complete Specification : 10 pages. Drawing : 11 sheets

Int. Cl' : A61F 13/15

194088

Ind. Cl : 128A

Title : LEAK PREVENTIVE SANITARY PAD

Applicant : FU BURG INDUSTRIAL CO. LTD, OF 5F, NO. 17 SEC. 3 JEN-AI RD, TAIPEI, TAIWAN, REPUBLIC OF CHINA

Inventor : CHIANG SHIN LIN

Application no 633/CAL/2001 FILED ON 12.11.2001

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.*

**4 CLAIMS.**

A leak preventive sanitary pad comprising:

a hydrophilic top layer (20);

a waterproof bottom layer (21);

a hydroscopic intermediate layer (22) stuffed in between said hydrophilic top layer (20) and said waterproof bottom layer (21);

a hip area (23), a groin area (24), and a lower abdomen area (25) extended from said hydrophilic top layer (20) and said waterproof bottom layer (21);

two hip wings (26) respectively extended from two opposite lateral sides of said hip area (23);

two abdomen wings (27) respectively extended from two opposite lateral sides of said lower abdomen area (25);

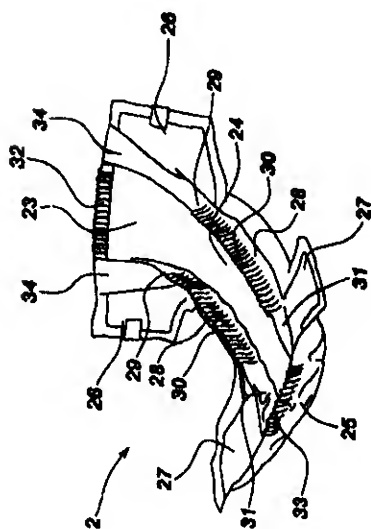
and two bottom wings (28) respectively extended from two opposite lateral sides of said groin area;

wherein:

194088

said bottom wings (28), each are fixedly mounted with an elastic element forming a respective bottom stopping flange (29); said abdomen wings (27) each have an inwardly extended folded portion forming a respective abdomen stopping flange (31) longitudinally extended to a front side of the leak preventive sanitary pad; said hip wings (26) each having an inwardly extended folded portion forming a respective hip stopping flange (34) longitudinally extended to a rear side of the sanitary pad; wherein:

the said wings are fixedly mounted with an elastic element, for e.g., an elastic band (30, 32, 33) which provides sufficient elastic force to each of the said hip stopping flange (34), said abdomen stopping flange (31) and said bottom stopping flange (29).



*Complete Specification : 14 pages.*

*Drawing : 5 sheets*

Int. Cl<sup>7</sup> : E01B 11/32

194089

Ind. Cl : 157D4  
Title : IMPROVED RAIL JOINT  
Applicant : BINA METAL WAY LTD, OF B-4, PHASE II, INDUSTRIAL  
AREA, ADITYAPUR, JAMSHEDPUR 831013, BIHAR, INDIA

Inventor : PRONAB MUKHERJEE  
Application no : 1593/CAL/1997 FILED ON 29.08.1997

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES  
2003) PATENT OFFICE KOLKATA.*

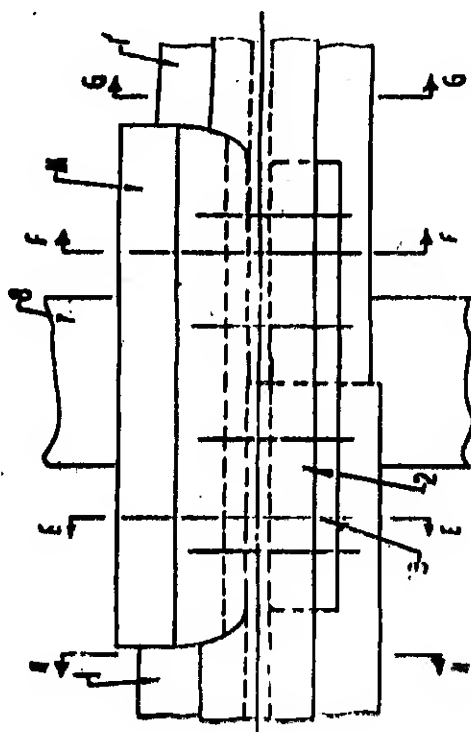
**14 CLAIMS.**

Improved rail joint for a railway track comprising two rails laid end-to-end and secured to each other, characterized in that -

each rail ( 1,1') comprises machined portions on the outer sides of the head and foot of the rail-end;

a load-transfer rail (1A) is positioned against said machined portions of said rails to be joined, said load-transfer rail having machined portions on the inner sides of its head and foot to match the machined portions of the rail-ends; and

bolts (3) join the webs of said rail-ends with the web of the load-transfer rail.



**Complete Specification : 14 pages.**

**Drawing : 7 sheets**

Int. Cl<sup>7</sup> : H04B - 7/26

194090

Ind. Cl : 187CD

Title : A METHOD FOR TRANSMITTING VOICE OVER A RADIO  
INTERFACE IN A DIGITAL RADIO COMMUNICATIONS  
SYSTEM HAVING MOBILE STATIONS AND BASE  
STATIONS AND A BASE STATION SYSTEMApplicant : SIEMENS AKTIENGESellschaft, OF  
WITTELSACHERPLATZ 2, 80333, MUENCHEN, GERMANY

Inventor : MICHAEL FAERBER

Application no 2391/CAL/1997 FILED ON 17.12.1997

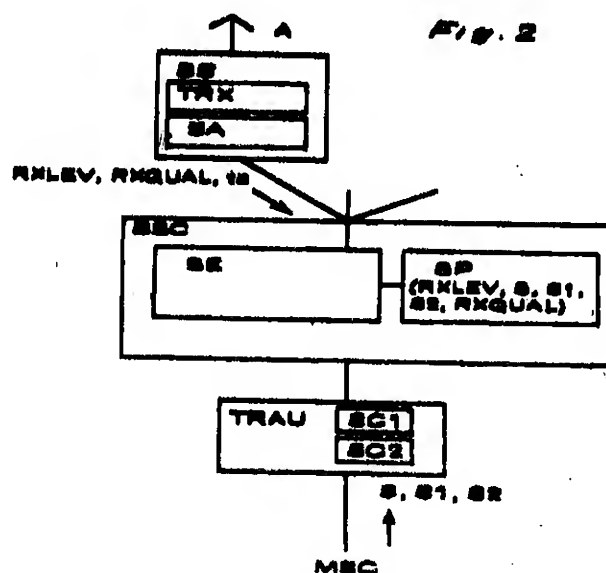
(CONVENTION NO.19653122.5 FILED ON 19.12.1996 IN GERMANY.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES  
2003) PATENT OFFICE KOLKATA.

**10 CLAIMS.**

A method for transmitting voice over a radio interface in a digital radio communications system having mobile stations (MS) and base stations (BS), comprising the steps of :

- transmission of at least one signal between a mobile station (MS) and a base station (BS);
- determination of at least one characteristic value (RXLEV, RXQUAL,  $t_a$ , C/I) relating to the transmission conditions of the radio interface from the signal;
- comparison of the characteristic value (RXLEV, RXQUAL,  $t_a$ , C/I) with at least one threshold value ( $S$ ,  $S_1$ ,  $S_2$ );
- selection of a voice coder (SC1, SC2) in accordance with the comparison result, a voice coder (SC1) being used with a higher data rate under good transmission conditions than under poor transmission conditions.



*Complete Specification : 16 pages.*

*Drawing : 6 sheets*

Ind.Cl.: 32F<sub>2</sub>C

Int.Cl<sup>7</sup>:C07C 273/04

" A PROCESS FOR UREA SYNTHESIS FROM AMMONIA AND CARBON DIOXIDE WITH AMMONIUM CARBAMATE

Applicant: SNAMPROGETTI SPA  
AN ITALIAN COMPANY  
VIALE DE GASPERI 16  
20097 S. DONATO MILANESE(MI) ITALY

Inventors: I. CARLO RESCALLI.

Application No 157/MAS/96 filed on 31ST JAN 96

Convention No.MI 95/A 000281 on, 16TH FEB 1995 in ITALY

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),  
Patent Office, Chennai Branch.

## 21 Claims

A process for urea synthesis from ammonia and carbon dioxide, with ammonium carbamate being formed as an intermediate species, which comprises the following steps: (a) feeding ammonia and carbon dioxide to at least one reactor and causing them to react with each other, with a molar ratio of NH<sub>3</sub>:CO<sub>2</sub>, either as such, or as ammonium carbamate, comprised within the range of from 2.1 to 10, with a first liquid mixture containing urea, ammonium carbamate, water and ammonia being formed at a temperature from 170 to 250°C and under pressures from 120 to 180 abs. atm. (b) transferring said first liquid mixture to a decomposition-stripping step; (c) heating said first liquid mixture in said decomposition stripping



step at a temperature of 160 to 220° C operating substantially under the same pressure as existing in said reactor, to cause a portion of ammonium carbamate to get decomposed into ammonia and carbon dioxide, and simultaneously stripping said liquid mixture, with a first gas mixture containing ammonia and carbon dioxide, and a second liquid mixture containing urea, water, ammonia, and the undecomposed portion of ammonia carbamate, being formed; (d) transferring, through an ejector, said first gas mixture to a condensation step substantially operating under the same reactor pressure and condensing said mixture, with a third liquid mixture being formed which contains ammonium carbamate and ammonia, which third liquid mixture is recycled, through an ejector, to the reactor of the step(a); (e) recovering urea contained in said second liquid mixture in one or more subsequent decomposition/separation step (s) with substantially pure urea, a fourth liquid mixture containing water, ammonia and ammonium carbamate and, possibly, a fifth stream substantially containing ammonia, being formed; characterized in that said fourth liquid mixture formed in step (e) is totally or partially, preferably from 50 to 100% thereof, combined with said first liquid mixture and sent to said first decomposition stripping step, with the residual portion, if any, being sent to the reactor, or preferably, to said condensation step.

Reference to : INDIAN PATENT 148481; 156283 US 4092358; 4801745  
Comp.Specn. 36 Pages; Drgs 2 Sheets.

Ind.Cl.:203

194092

Int.Cl<sup>7</sup>:B 65 H 5/00**"SHEET SUPPLYING APPARATUS"**

**Applicant:** CANON KABUSHIKI KAISHA  
A Japanese Company, 30-2, 3-chome, Shimomaruko,  
Ohta-ku, Tokyo, Japan

**Inventors:** 1. HIROYUKI SAITO 4. TAN AT MING  
2. HARUYUKI YANAGI  
3. SATOSHI SAIKAWA

Application No517/MAS/1996 filed on 29th March 1996

Convention No.7-073899 on, 30th March 1995 in Japan

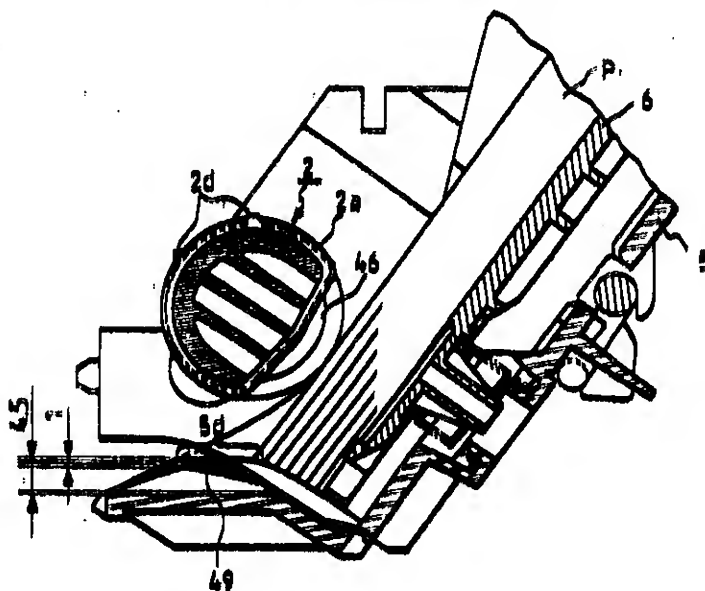
Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)  
Patent Office, Chennai Branch.

**33 Claims**

A sheet supplying apparatus comprising: sheet supporting means for supporting sheets; first abutment means and second abutment means both of which are disposed along a tip end of the sheets supported by said supporting means for regulating the tip end of the sheets, said first abutment means having a first sheet abutment surface and said second abutment means having a second sheet abutment surface, wherein an angle between a surface of the sheets supported by said sheet supporting means and the second sheet abutment surface is smaller than an angle between the surface of the sheets supported by said sheet supporting means and the first sheet abutment surface, and wherein said second sheet abutment surface is displaceable between a sheet regulating position and a sheet non-regulating position; sheet supply means having a semi-

circular roller for feeding out the sheets supported by said sheet supporting means and regulated by said first abutment means used by said second abutment means positioned in the regulating position, wherein said second abutment means is displaced to the sheet non-regulating position when said sheet supply means feeds out the sheets; separation means disposed downstream of said sheet supply means for separating the sheets fed out by said sheet supply means; convey means disposed downstream of said separation means for conveying the sheets separated by said separation means; and guide means for guiding the separated sheets to said convey means; wherein, when conveying each separated sheet by said convey means, the separated sheet, guided by said

guide means, is facing the cut portion of the semi-circular roller and remote from said second abutment means returned from the sheet non-regulating position to the sheet regulating position.



Comp.Speon. 70 Pages; Drgs 37 Sheets.

IND. CL.:119 C

194093

Int.Cl<sup>7</sup>:D 06 B 23/00**" TEXTILE MACHINERY PART WITH EMBEDDED SOLID LUBRICANT"**

**Applicant:** MASCHINENFABRIK RIETER AG,  
A CORPORATION ORGANIZED UNDER THE LAWS OF  
SWITZERLAND, KLOSTERSTRASSE 20, CH - 8406,  
WINTERTHUR, SWITZERLAND.

**Inventors:** Dr. FUNK WILHELM

**Application No:**610/MAS/1996 filed on 11th April 1996

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),  
Patent Office, Chennai Branch.

**17 Claims**

1. A textile machinery part on which at least the area subjected to wear or at least the surface consists of a matrix of metal-phosphor and/or metal-boron or alloy metal, such as steel, characterized in that a solid lubricant in the form of a soft nitride which is softer than the matrix, is embedded in the matrix, and the surface of the part consists, either completely or partly, of the matrix with the lubricant ; or the part is completely or partially sintered, whereby the matrix and the solid lubricant is available in powder form in their initial state before the part is formed.

Comp.Speen. 09 Pages; Drgs NIL Sheets.

Ind.Cl.:129 P

194094

Int.Cl<sup>7</sup>:B 23 Q 003/157; B 23 B 039/00; B 23 C 001/02**"A MACHINE TOOL FOR ADVANCING A TOOL"**

**Applicant:** INGERSOLL MILLING MACHINE COMPANY  
a corporation organized under the laws of the State of Illinois,  
707, Fulton Avenue, Rockford, Illinois 61103-4199, USA

**Inventors:** LINDEM, Thomas Jules

Application No632/MAS/1996 filed on 16th April 1996

Convention No.08/440, 416 on, 12th May 1995 in USSN

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)  
Patent Office, Chennai Branch.

**21 Claims**

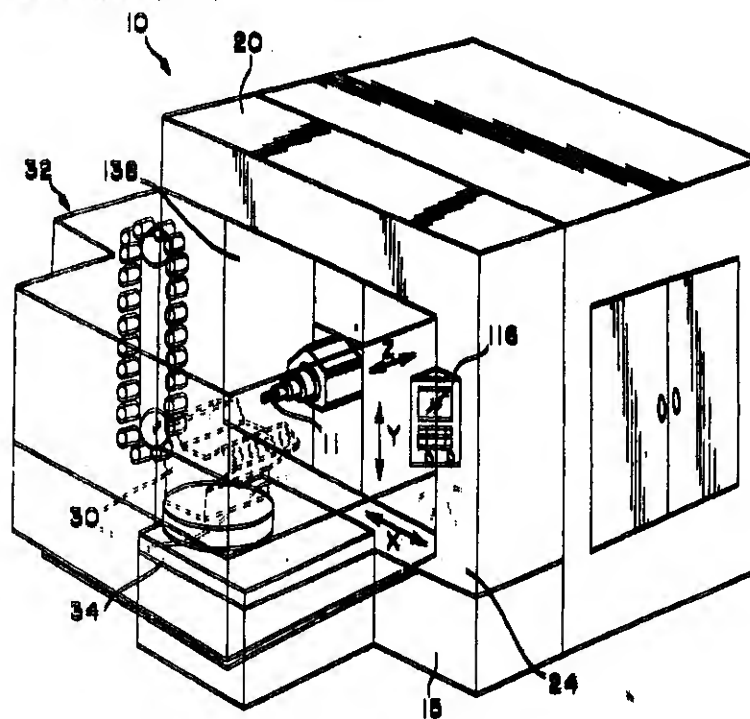
1. **A machine tool for advancing a tool along a plurality of mutually transverse axes for cutting a workpiece, the machine tool comprising:**
  - a rotary spindle having a cutting tool mounted thereon;**
  - a frame to support the spindle and cutting tool while cutting and being advanced along the transverse axes;**
  - a vertical gantry mounted for slidable movement in a first axis relative to the frame;**
  - a saddle mounted within the gantry and carried therewith and mounted for slidable movement along a second axis perpendicular to the first axis and along and with the gantry;**
  - a ram carried by the saddle and mounted for slidable movement along a third axis perpendicular to the second axis and carrying the spindle and rotary cutting tool for movement along the third axis;**

a first linear drive having first and second linear motors mounted between the gantry and frame and extending in the direction of the first axis for moving the gantry relative to the frame along the first axis;

a second linear drive having first and second linear motors mounted on opposite sides within the gantry each extending in the direction of the second axis for moving the saddle along and within the gantry and along the second axis with magnetic force attractions being in opposite directions to provide symmetry; and

a third linear drive having one or more linear motors mounted between the saddle and ram and extending in the direction of the third axis for moving the ram and spindle along the third axis.

Reference to : USA 5,368,425;



**Comp. Specn. 34 Pages; Drgs 9 Sheets.**

Ind.Cl.:206 E

194095

Int.Cl<sup>7</sup>:H 04 J 3/06

"AN APPARATUS AND A METHOD FOR DETERMINING THE POSITION OF A MOBILE UNIT USING A CELLULAR RADIO SYSTEM"

Applicant: BT CELLNET LIMITED,  
A BRITISH COMPANY,  
260 BATH ROAD,  
BERKSHIRE SL1 4DX,  
ENGALND

Inventors: 1. PETER ROBERT MUNDAY  
2. IAN GOETZ  
3. STEPHEN MARK GANNON

Application No:709/MAS/1996 filed on 30th April 1996

CONVENTION NO. 9508884.5 Dt. 02/05/95 COUNTRY : BRITAIN.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003) Patent Office, Chennai Branch.

#### 44 Claims

An apparatus for determining the position of a mobile unit using a cellular radio system having a plurality of base stations, comprising means for determining the differences in timing of the operation of the base stations as measured at the mobile unit; means for determining, from the timing differences, the differences in the distances of the mobile unit from each of the base stations; and means for deriving, from the differences in distance, the location of the mobile unit, characterised in that the system comprises means for synchronising the time division frame structures of control channels broadcast by at least a plurality of the base stations within radio range of the mobile unit, and the mobile unit has means for determining the differences in timing at the mobile unit of a characteristic feature of the time division frame structure broadcast by the control channel of each base station.

Reference to : EPO 320913, WO 95/00821

Comp.Specn. 31 Pages; Drgs 04 Sheets.

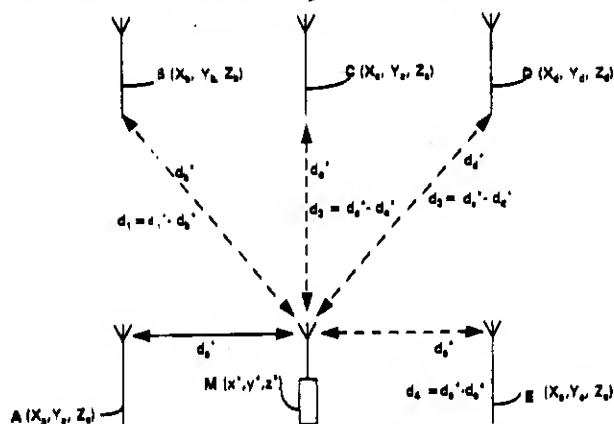


FIGURE 2

Ind.Cl.:152E; 192

194096

Int.Cl<sup>7</sup>:B29D 31/00;A45B 1/00

A PLASTIC COMPOSITION FOR USE IN PREPARING FRAGRANCE STICKS AND A METHOD OF PREPARING THE SAME.

Applicant: RANGA RAO NARAYANA MURTHY  
AN INDIAN, AT 2634,  
II MAIN, V.V MOHALLA,  
MYSORE-570 004 KARNATAKA STATE,  
INDIA

Inventors: I. RANGA RAO NARAYANA MURTHY

Application No847/MAS/96 filed on 21/05/96

Complete specification Left I 1/07/97

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)  
Patent Office, Chennai Branch.

#### 10. Claims

A plastic composition used in making incense sticks or joss sticks comprising a mixture or dough of i) saw dust up to 65%, (ii) charcoal powder in the range of 5 to 60% and (iii) gum or a mixture of gums selected from either naturally occurring gums, modified gums, synthetic gums or semi-synthetic gums, and optionally an oleo resin to give fragrance to the composition.

Text : 13+13 Pages; Drgs NIL Sheets.



Ind.Cl.:32 B

194097

Int.Cl<sup>7</sup>:C 07 17/00**" A PROCESS FOR PREPARING A CARBON-BRIDGED BISCYCLOPENTADIENE COMPOUND"**

**Applicant:** M/s. HOECHST AKTIENGESELLSCHAFT,  
A GERMAN COMPANY  
D-65926  
FRANKFURT am MAIN,  
GERMANY

**Inventors:** 1. Dr. FRANK KUBER  
2. Dr. MICHAEL RIEDEL

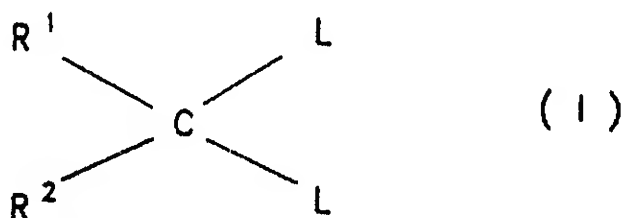
Application No 108/MAS/1996 filed on 24/06/1996

Convention No.19523595.9 on, 30/06/1995 in GERMANY

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),  
Patent Office, Chennai Branch.

**5 Claims**

**A process for preparing a carbon-bridged biscyclopentadiene compound of the formula I**



where L are, independently of one another, identical or different cyclopentadiene groups, where at least one cyclopentadiene group is a substituted cyclopentadienyl group, such as herein described, and R<sup>1</sup> and R<sup>2</sup> are identical or different and are each a hydrogen atom or a C<sub>1</sub>-C<sub>30</sub>-hydrocarbon radical or R<sup>1</sup> and R<sup>2</sup> together with the atoms connecting them form a ring system, by reacting one or two cyclopentadiene compounds LH, of which at

least one cyclopentadiene compound is a substituted cyclopentadiene compound, with a carbonyl compound, which is a ketone or an aldehyde of formula  $R^1-C(O)-R^2$ , in which  $R^1$  and  $R^2$  are identical or different and are each a hydrogen atom or a  $C_1-C_{30}$ -hydrocarbon radical or  $R^1$  and  $R^2$  together with the atoms connecting them form a ring system, in the presence of at least one base, wherein the base is selected from the group consisting of LiOH, NaOH, KOH, RbOH,  $Mg(OH)_2$ ,  $Ca(OH)_2$  and  $Sr(OH)_2$ , and at least one phase transfer catalyst such as a quaternary ammonium salt, a quaternary phosphonium salt or a crown compound, where the process is carried out in a two-phase system comprising an organic solvent, such as an aromatic solvent or an aliphatic solvent, as one phase and water as the second phase.

Comp.Specn. 27 Pages; Drgs NIL Sheets.

Ind.Cl.:129D

194098

Int.Cl<sup>7</sup>:B 21D 027/06, B21B 001/00

" A PRODUCTION PLANT FOR HOT-ROLLED FLAT PRODUCTS IN THE FORM OF STRIP"

**Applicant:** SMS-SCHLOEMANN-SIEMAG AKTIENGESELLSCHAFT  
A GERMAN COMPANY  
EDUARD-SCHLOEMANN-STRASSE 4  
40237 DUSSELDORF  
GERMANY

**Inventors:** 1. Prof Dr. WOLFGAN ROHDE  
2. MANFRED ALBEDYHL

Application No 1487/MAS/1996 filed on 22/08/1996

Convention No.19531538.3 on, 25/08/1995 in GERMANY

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),  
Patent Office, Chennai Branch.

### 12. Claims

1. A production plant for hot-rolled flat products in the form of strip, the production plant comprising a rolling train having a plurality of roll stands, a run-out table having devices for cooling the strip, and subsequently arranged coiling machines for coiling the strip, further comprising a compact deformation stage located in a rolling direction behind the coiling machines, wherein the compact deformation stage comprises a rolling mill having at least one roll stand for rolling thin strips.

Ind.Cl.:129 D

194099

Int.Cl<sup>7</sup>:B 21 C 043/00; B 21 C 009/00

**" APPARATUS FOR KEEPING COLD STRIP DRY IN THE RUNOUT OF  
COLD ROLLING PLANTS AND STRIP ROLLING PLANTS"**

**Applicant: SMS SCHLOEMANN - SIEMAG AKTIENGESELLSCHAFT  
A GERMAN COMPANY  
EDUARD-SCHLOEMANN-STRASSE 4  
40237 DUSSELDORF  
GERMANY**

**Inventors: 1. DIETER DAUB  
2. WOLFGANG DENKER  
3. JOACHIM SCHIMÉLZER**

**Application No1668/MAS/1996 filed on 20/09/1996**

**Convention No.19535158.1 on, 22/09/1995 in GERMANY**

**Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),  
Patent Office, Chennai Branch.**

**9 Claims**

1. An apparatus for keeping cold strip dry in a runout of a cold rolling pant or strip rolling plant by deflecting liquid rolling medium in the area of the strip runout and by removing spray liquid adhering to surfaces of the strip, said apparatus comprising; a) a fixedly installed partition wall having an upper portion above the strip runout extending to a stand platform and a lower portion below the strip runout extending to a base plate; b) a moveable partitioning means comprising moveable components for providing a problem-free roll exchange; c) a roll body blower for deflecting squeezed-out rolling medium from the finish-rolled strip; d) a roll body sealing means for sealing a roll space above the strip relative to the strip; e) a strip edge blower for producing an air flow perpendicularly to the strip in a roll gap on an exit side above the strip runout, and f) a vapor-exhaust means for producing an air flow parallel to a strip travel direction above and below the strip in a strip channel.

Ind.Cl.:12 A

194100

Int.Cl<sup>7</sup>:B 22 D 11/10

" A METHOD ADN AN APPARATUS FOR THE MANUFACTURE OF FORMABLE STEEL"

Applicant: HOOGO VENS STAAL BV  
A DUTCH COMPANY  
P.O. BOX 10000  
1970 CA IJMUIDEN  
THE NETHERLANDS

Inventors: 1. HUIBERT WILLEM DEN HARTOG

Application No:2333/MAS/1996 filed on 20/12/1996

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),  
Patent Office, Chennai Branch.

### 18 Claims

1. A method for the manufacture of formable steel strip comprising the steps of forming in the mould of a continuous casting machine liquid steel into a thin slab having a thickness of less than 150 mm homogenizing in a homogenizing furnace and rolling the slab in the austenitic region using the casting heat to obtain an intermediate slab using the casting heat, cooling the intermediate slab to a temperature where a substantial portion of the steel is transformed into the ferritic region, and rolling said intermediate slab to the strip either in the austenitic or ferritic region, characterized in that the liquid steel is fed from a ladle into a first atmospheric chamber of a vacuum tundish comprising a second chamber hydraulically connected by a conduit to the first chamber in which second chamber a low pressure is preserved and the steel is conveyed from the second, low pressure or vacuum chamber, through an exit port therein into the mould.

Comp.Specn. 19 Pages; Drgs 2 Sheets.

IND. CL. : 80 K 194101  
INT. CL. : B 01 D 29/00  
TITLE : A METHOD OF MAKING A SUPPORTED DRY  
ASYMMETRIC POLYAMIDE MEMBRANE FOR MEMBRANE  
FILTRATION.  
APPLICANT : DEPARTMENT OF ATOMIC ENERGY, ANUSHAKTI BHAVAN,  
CHATRAPATI SHIVAJI MAHARAJ MARG, MUMBAI 400 039,  
MAHARASHTRA, INDIA  
INVENTORS : (1) BALASUBRAMANIYAN CHINNAPPA,  
(2) PRABHAKAR SIVARAMAN,  
(3) HANRA MADHU SUDAN  
(4) MISRA BRAJ MOHAN.  
INTERNATIONAL : -----  
APPLICATION NO  
INDIAN : 554 BOM 1999 DATED 10.08.1999  
APPLICATION NO.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,  
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

### 07 CLAIMS

A method of making a supported dry asymmetric polyamide membrane for membrane filtration comprising preparing a supported wet asymmetric polyamide membrane by phase inversion technique in known manner and treating the wet membrane with a conditioning solution comprising a mixture of a low molecular weight primary aliphatic monohydroxy alcohol having 1 to 4 carbon atoms and an aliphatic polyhydroxy alcohol having 2 to 4 carbon atoms in the weight ratio 30 to 90:70 to 10 at ambient temperature followed by drying at ambient temperature.

Comp.specn. 15 pages.

Drawings: Nil

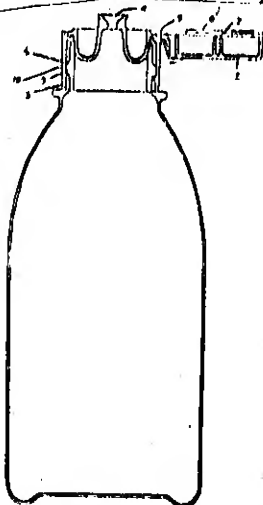
IND. CL. : 179 G 194102  
INT. CL. : B 65 D 41/00  
TITLE : A CLOSURE FOR USE WITH A CONTAINER  
APPLICANT : MARICO INDUSTRIES LIMITED  
RANG SHARDA, K. C. MARG,  
BANDRA RECLAMATION,  
BANDRA (WEST), MUMBAI - 400 050  
AN INDIAN COMPANY  
INVENTOR : 1) R. B. MOHILE  
INTERNATIONAL : \_\_\_\_\_  
APPLICATION NO  
INDIAN : 349 BOM 1999 DATED 10/05/1999  
APPLICATION NO.

COMPLETE AFTER PROVISIONAL SPECIFICATION FILED ON 19.05.2000

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,  
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

### 05 CLAIMS

- 1) A closure for use with a container (1) comprising:
- an upper cap member (2);
  - a lower engageable member adapted to be held to the neck (3) of a container (1);
  - said cap member held to said lower engageable member through a hinge joint (5);
  - an externally provided tear band or tab (8) on said upper cap member;
  - a flared funnel (6) provide with said engageable member; and
  - a stopper (7) provided integral with the inside of said upper cap member which fits into said flared funnel to seal the bottle when the said upper cap is in closed position.



PROVISIONAL SPECIFICATION : 05 PAGES  
COMPLETE SPECIFICATION : 05 PAGES

DRAWINGS: NIL  
DRAWINGS: 01 SHEETS

Ind.Cl.:83 B 3

194103

Int.Cl.<sup>7</sup>:A 23 L 1/00; A 23 L 3/10**"A PROCESS FOR PREPARING OIL FRIED DRIED GULAB JAMOONS"**

Applicant: R.A. MADHUSUDAN  
AN INDIAN NATIONAL  
S/o. Late Ramanujapuram Anandampillai Krishnaswamy,  
385, 17th Main, 4th Block, Jayanagar, Bangalore - 560041  
India

Inventors: 1. Ramanujapuram Anandampillai Krishnaswamy

Application No:669/MAS/2000 filed on 21/08/2000

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),  
Patent Office, Chennai Branch.

**8 Claims**

- 1. A PROCESS FOR PREPARING OIL FRIED DRIED GULAB JAMOONS** having a longer shelf life as herein described results in oil fried dried Gulab Jamoons which are ready for final stage preparation before consumption, as the same eliminates the need to go through steps involved in preparing Gulab Jamoons by the end user except the final step of boiling in sugar syrup and the process comprises of
- mixing Maida, Milk Powder, Hydrogenated Vegetable Oil, in the following proportion of 3 to 6 weight/weight, with 1 to 2 weight/weight and 1 to 2 weight/weight respectively of the total mix in a Mixer,
  - adding leavening agents selected from Fruit acids, alkaline salts and similar ingredients to the mixture as obtained in (a) above and mixing in a mixer,
  - further mixing the mixture as obtained in (b) above with required quantity of water depending upon the quality of the materials used in (a) above to obtain dough with enhanced texture,
  - smoothing the dough obtained in (c) without lumps by gentle homogeneous mixing in a mixer,
  - shaping the dough obtained in (d) above to desired shape and deep-frying in oil at 110 – 160 degrees C to obtain golden brown colored Oil Fried Gulab Jamoons,
  - cooling the Oil Fried Gulab Jamoons as obtained in (e) above and keeping the same in a dehydrator/drier having the temperature between 50-90 degrees C for 4 to 8 hours till the Oil Fried Gulab Jamoons are dried to a moisture content of 5% to 10% of the weight of Fried Gulab Jamoons,
  - packing the **OIL FRIED DRIED GULAB JAMOONS** obtained in (f) above in convenient numbers, in laminated plastic pouches/containers under vacuum under hygienic conditions in a known manner



Indian Classification :- 130 F 194104

International Classification<sup>7</sup> :- B 21 C 25/10, B 21 C 23/00

Title :- "CONTINUOUS EXTRUSION APPARATUS"

Applicant :- BWE LIMITED, of Beaver Road Industrial Estate, Ashford, Kent TN231SH, United Kingdom,

Inventors :- ANTHONY THOMAS WRIGHT - U.K.

Kind of Application :- COMPLETE/CONVENTION

Application for Patent Number 564/del/1996 filed on 18/03/1996

Convention No. 9505379.9/U.K/17.03.1995.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office, New Delhi Branch - 110 008.

( Claims 07 )

Continuous extrusion apparatus having a rotatable wheel (2) formed with at least one circumferential groove (26), arcuate tooling (6) bounding a radially outer portion of the groove (26) provided with an exit aperture (28) and an abutment face (48) displaced in the direction of rotation from the exit aperture, wherein the arcuate tooling (6) includes a die top (22) formed with the exit aperture (28) and a wedge shaped recess (30) accommodating an abutment body (24), the abutment body (24) having a face (42) provided with at least one spine (44) flanked by shoulders (46) arranged to co-act with a cylindrical surface (52) of the wheel flanking the circumferential groove (26), a face (36) remote from the abutment face (48) arranged to co-act with a complementary face (40) of the wedge-shaped recess (30) and, with the abutment body (24) in connection with the wheel (2), lying on a plane parallel to and displaced from an axial plane containing the wheel axis such that a component of forces arising at the abutment face (48) serving to displace feed material from the circumferential groove (26) to the exit aperture (28) upon rotation of the wheel (2) acts in a direction urging the abutment body (24) into the wedge-shaped recess (30).

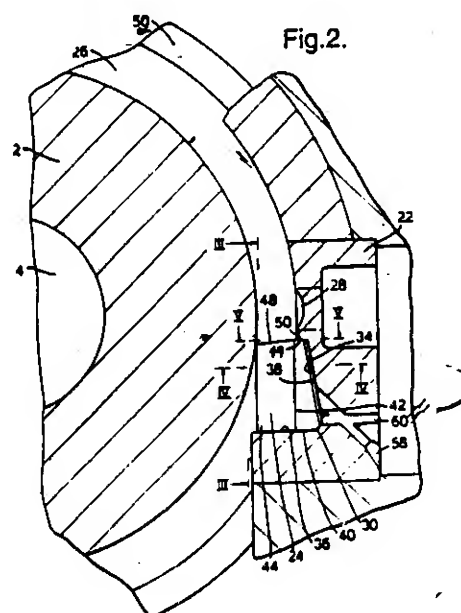
Agent Remfry & Sagar, Millennium Plaza, Sector-27, Gurgaon-122001, NCR, India.

Complete Specification

No of Pages 10

Drawing Sheets

02



IND. CL. : 189 194105

INT. CL. : A 61 K 7/40, 7/42, 7/48

TITLE : PERSONAL WASHING COMPOSITIONS

APPLICANT : HINDUSTAN LEVER LIMITED,  
HINDUSTAN LEVER HOUSE,  
165-166, BACKBAY RECLAMATION,  
MUMBAI – 400 020, MAHARASHTRA, INDIA,  
AN INDIAN COMPANY

INVENTOR : 1) ERNEST WEATHERLEY MACAULAY

INTERNATIONAL APPLICATION NO : -----

INDIAN APPLICATION NO. : 387 BOM 1999 DATED 21/05/1999

PRIORITY NO. : 9812181.7 DATED 05/06/1998 OF UNITED KINGDOM

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,  
PATENTS RULES, 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

#### 05 CLAIMS

1) A personal washing composition containing

- a) surfactant selected from anionic, nonionic, zwitterionic and cationic surfactants, soaps and mixes thereof;
- b) a cationic polymeric deposition aid;
- c) encapsulated sunscreen trapped within a matrix wherein the matrix is selected from natural waxes and synthetic modified waxes selected from mixes of alkyl wax esters, resins, and other vegetable components; clay-treated microcrystalline waxes; oxidized hydrocarbon waxes; natural and synthetic beeswax; auto-oxidised beeswax, candelilia, carnauba, esterified natural plant derived fatty acids and alcohols; paraffin waxes; natural and synthetic oils; and wherein the amount of sunscreen in the capsules thereof is from 5 to 60% by weight of those capsules.

COMPLETE SPECIFICATION : 26 PAGES

DRAWINGS: NIL

IND. CL. : 80 K 194106

INT. CL. : B 01 D 29/00,

TITLE : A SPIRAL WOUND DRY POLYAMIDE ELEMENT FOR  
MEMBRANE FILTRATION AND A METHOD OF MAKING TH  
SAME.

APPLICANT : DEPARTMENT OF ATOMIC ENERGY,  
GOVERNMENT OF INDIA  
ANUSHAKTI BHAVAN,  
CHHATRAPATI SHIVAJI MAHARAJA MARG,  
MUMBAI - 400 038,  
MAHARASHTRA, INDIA.

INVENTOR 1) BALASUBRAMANIYAN CHINNAPPA  
2) PRABHAKAR SIVARAMAN  
3) HANRA MADHU SUDAN  
4) MISRA BRAJ MOHAN.

INTERNATIONAL APPLICATION NO : -----

INDIAN APPLICATION NO : 553 BOM 1999 DATED 10.08.1999

PRIORITY NO. : -----

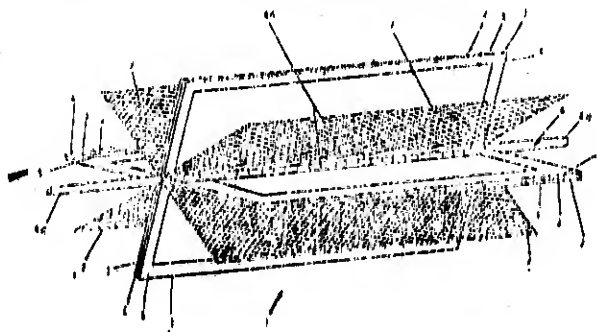
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,  
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

#### 4 CLAIMS.

A spiral wound dry polyamide element (1) for membrane filtration comprising a plurality of envelopes (2) each comprising a pair of supported dry asymmetric polyamide membranes with a permeate spacer (3) sandwiched therebetween and sealed to the permeate spacer at three sides thereof with an epoxy or polyurethane adhesive, one of the edges of the open sides of the envelopes being fixed to a perforated product tube (6) circumferentially equidistantly spaced with an epoxy or polyurethane adhesive, the ends (6B, 6C) of the product tube with feed spacers (8) interposed therebetween, the outer surfaces of the envelopes being wrapped with adhesive tape (8) optionally followed by reinforcing material sheet (9), the element further comprising a pair of anti-telescopic supports (10) each being provided with a peripheral groove (11) and fixed to each unperforated end of the center tube with an epoxy or polyurethane adhesive.

Comp.specn.: 18 pages

Drawings - 2 - sheets.



IND. CL. : 160 A

INT. CL. : A 47 B 31/04

TITLE : TROLLEY STANDS FOR REFRIGERATORS AND LIKE EQUIPMENT

APPLICANT : ARUN DAMJI GADA  
401 B, NIRMAN VIHAR,  
R. J. ROAD, PUMP HOUSE,  
ANDHERI (E.), MUMBAI - 400 093,  
MAHARASHTRA, INDIA  
AN INDIAN NATIONAL

INVENTOR : - IDEM -

INTERNATIONAL APPLICATION NO : -----

INDIAN APPLICATION NO : 879 BOM 1999 DATED 01/12/1999

PRIORITY NO. : -----

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,  
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

#### 04 CLAIMS

1) A trolley stand for refrigerators and the like equipment which consists of a frame defined by flat elongate planar elements forming sides of the frame connected at the four corners to form a hollow square frame characterised in that each of the elements is made of a pair of telescoping members to enable the elements to be extended or retracted so that the sides of the frame and therefore the frame can be enlarged or reduced.

COMPLETE SPECIFICATION : 08 PAGES

DRAWINGS: 04 SHEETS

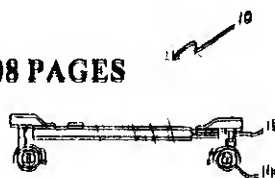
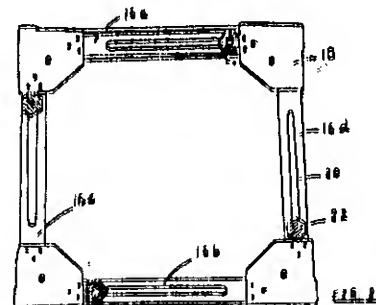


FIGURE-1



IND. CL. : 170 D 194108

INT. CL. : C 11 D 7/00

TITLE : IMPROVED PROCESS FOR PREPARING DETERGENT BAR

APPLICANT : HINDUSTAN LEVER LIMITED  
HINDUSTAN LEVER HOUSE,  
165/166, BACKBAY RECLAMATION,  
MUMBAI – 400 020,  
MAHARASHTRA, INDIA  
AN INDIAN COMPANY

INVENTOR : 1) CHOKAPPA KALYANSUNDARAM DIANRAJ  
2) MHASKAR YESHWANT SUDHAKAR  
3) AGRAWAL DEEPAK  
4) BENJAMIN RAJAPANDIAN

INTERNATIONAL APPLICATION NO : -----

INDIAN APPLICATION NO : 905 BOM 1999 DATED 08/12/1999

COMPLETE AFTER PROVISIONAL SPECIFICATION FILED ON 07.12.2000

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,  
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

### 21 CLAIMS

- 1) An improved process for the preparation of detergent bar composition comprising:  
from 5 to 70 % by weight of detergent active;  
from 0.5 to 30 % by weight of amorphous alumina;  
from 0.5 to 30 % by weight of at least one alkali metal salt of carboxylic/sulphonic acid;  
10 to 55 % by weight of water; and  
optionally other benefit agents;  
0-30 % by weight detergent builder;  
which process comprises steps of:
- reacting one or more precursors of detergent active and at least one carboxylic acid and/or sulphonic acid such as herein described with an aluminium containing alkaline material such as sodium aluminate with a solid content of 20-55% wherein  $\text{Al}_2\text{O}_3$  to  $\text{Na}_2\text{O}$  is in a ratio of 0.5 to 1.55 by weight to obtain a mixture of amorphous alumina, carboxylate / sulphonate and detergent active at a temperature between 25 °C to 95 °C;
  - adding if desired, other detergent actives, builders and minor actives such as herein described to mixture of step a);
  - converting the product into bars by conventional method.

PROVISIONAL SPECIFICATION : 22 PAGES  
COMPLETE SPECIFICATION : 25 PAGES

DRAWINGS: 01 SHEETS  
DRAWINGS: 01 SHEETS

IND. CL. : 193 **194109**

INT. CL. : B 23 K 35/00, 20/16, 1/20

TITLE : METHOD FOR MAKING A JOINT BETWEEN COPPER AND STAINLESS STEEL.

APPLICANT : OUTOKUMPU OYJ,  
RIIHITONTUNTIE 7, FIN-02200 ESPOO,  
FINLAND,  
A FINNISH PUBLIC LIMITED COMPANY

INVENTOR : 1) POLVI VEIKKO  
2) TASKINEN PEKKA  
3) SUORTTI TUIJA

INTERNATIONAL APPLICATION NO : PCT/FI01/00169 DATED 21/02/2001

INDIAN APPLICATION NO. : IN/PCT/2002/01077/MUM DATED 09/08/2002

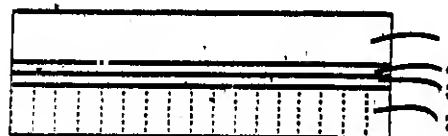
PRIORITY NO. : 20000409 DATED 23/02/2000 (OF FINLAND)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES, 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

### 10 CLAIMS

1) A method for making a joint between copper or copper alloys and austenitic steel alloys, in which method in between the junction surfaces of the objects to be joined together, there is arranged at least one intermediate layer, so that the junction surfaces including their intermediate layers are pressed together, and at least the junction area is heated in order to create a diffusion joint, characterized in that there is brought a first intermediate layer (3) on the junction surface of the steel object (2) or against said surface, mainly in order to prevent the nickel loss from the steel object (2), and at least a second intermediate layer (4) on the junction surface of the copper object (1) or against said surface in order to activate the creation of a diffusion joint, and that there is arranged at least a third intermediate layer (5) in between the first intermediate layer (3) and the copper object (1) consisting mainly of silver (Ag), or of silver (Ag) and copper (Cu) either as an alloy or in a mixture.

COMPLETE SPECIFICATION : 10 PAGES



DRAWINGS: 01 SHEETS

**IND. CL.** : 29 D 194110

**INT. CL.** : G 06 F 11/34

**TITLE** : A DATA PROCESSING DEVICE FOR EVENT DRIVEN PROCESSING OF DATA

**APPLICANT** : METASERVER, INC., 157 CHURCH STREET, 9<sup>TH</sup> FLOOR, NEW HAVEN, CONNECTICUT 06510, UNITED STATES OF AMERICA

**INVENTORS** : (1) RICHARD KENNETH SCHULTZ  
(2) HOWARD KENT GILBERT  
(3) ASHISH SURESH DESHPANDE

**INTERNATIONAL APPLICATION NO** : PCT/ US 99/002545 DATED 05.02.1999

**INDIAN APPLICATION NO.** : IN/PCT/2000/00319/MUM DATED 22.08.2000

**PRIORITY NO.** : 09/030,258 DATED 25.02.1999 OF U.S.A.

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.**

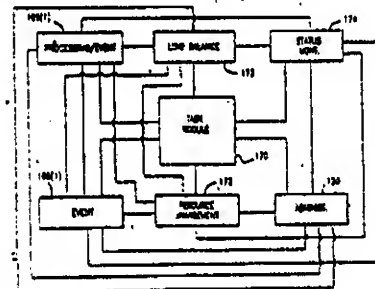
### 14 CLAIMS

A data processing device for event driven processing of data (10) comprising:

- a plurality of event modules (105) each including code that generates an event data signal representative of a particular event;
- a plurality of scripts (121) each having a plurality of instructions;
- a plurality of distributed processing modules (106) each including code that provides processed data; and
- a task module (120) selectively connected to each of said plurality of event modules (105) and said plurality of distributed processing modules (106), said task module (120) including code for selecting one of said plurality of scripts (121) that corresponds to said even data signal and for executing said selected script (121) such that said selected script (121) proceeds to a first of said plurality of distributed processing modules (106) for processing a current one of said instructions.

Comp.specn: 28 pages | Drawings: 14 sheets

tg



IND. CL. : 94 E 194111

INT. CL. : B 02 C 013/06

TITLE : A VERTICAL SHAFT IMPACTOR FOR PRODUCING HIGH QUALITY SAND.

APPLICANT & INVENTORS : NILKANTH CHINTAMAN MAJUMDAR  
PLOT NO. 10 RAO INDUSTRIAL AREA,  
RAO - 453 331, INDORE, (MP) INDIA,  
AN INDIAN NATIONAL.

INTERNATIONAL APPLICATION NO :

INDIAN APPLICATION NO. : 130/BOM/1999. DATED 25/02/1999.

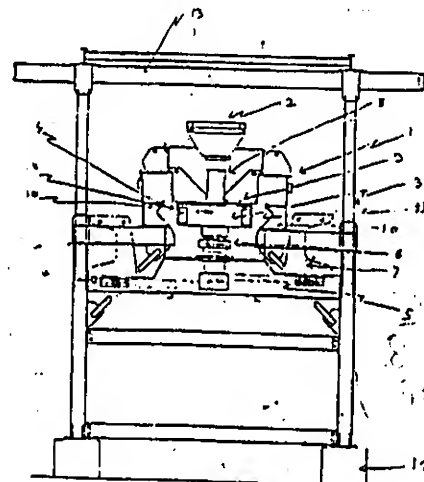
Complete Specification filed after provisional specification on 10.05.2000

PRIORITY NO. :

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI - 13.

### 02 CLAIMS

A vertical shaft impactor for producing high quality sand comprising a feed hopper with feed tube surrounded by distribution cone; below the said hopper a rotor having three side openings coupled to a motor by belt means; the said motors being mounted on motor frames; a guide way provided to the said feed tube for the stones fed through the hopper to the rotor; a cascading ring around the said feed tube over the said rotor provided for feeding stone by one; and a cavity ring being provided around the said rotor to define a crushing a zone.



Complete specification: 04 pages Drawings 02 sheets  
Provisional specification : 03 pages Drawings NIL sheets.



IND. CL. : 48 A 4 194112

INT. CL. : G 08 B 13/14

TITLE : ANTI - THEFT ALARM CABLE

APPLICANT : SAFETY CABLE AS  
DAELENENGGATEN 20,  
N-0567, OSLO, NORWAY  
A NORWEGIAN COMPANY

INVENTOR : 1) KNUT FOSEIDE

INTERNATIONAL APPLICATION NO. : PCT/NO99/00112 DATED 06/04/1999

INDIAN APPLICATION NO. : IN/PCT/2000/00446/MUM DATED 27/09/2000

PRIORITY NO. : a) 19981569 DATED 06/04/1998 OF NORWAY  
b) 19984777 DATED 13/10/1998 OF NORWAY

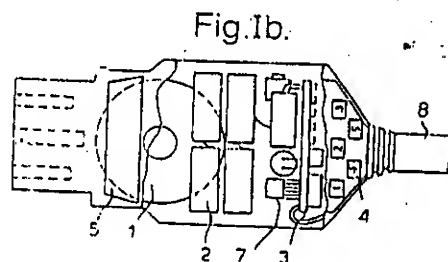
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,  
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

#### 06 CLAIMS

1) An anti-theft alarm cable comprising a connector, an electrically driven sound generator (1) and a battery (2) are encapsulated in an rear part (27) of a connector (25) and an electrical circuit between the sound generator (1) and the battery (2) is made when an attempt is made to remove the cable from its permanent location between an electrical appliance and a mains supply outlet. a sound diaphragm (5) positioned right against a front part (26) of said connector and having a natural frequency of resonance which is an operating frequency of the sound generator (1). a resonance chamber (6), and the front portion of a rear part (27) provided with connector holes (10) arranged to conduct sound straight out of the resonance chamber (6). and said connector includes a locking device having a metal piece (12) attached to said connector and arranged to protrude from a side portion of said connector for engagement with the mains supply outlet when inserted into the main supply outlet.

COMPLETE SPECIFICATION : 16 PAGES

DRAWINGS: 07 SHEETS



IND. CL. : 205 G 194113

INT. CL. : B 60 C 15/06

TITLE : A TYRE, DESIGNED TO CARRY HEAVY LOADS

APPLICANT : COMPAGNIE GENERALE DES ETABLISSEMENTS  
MICHELIN – MICHELIN & CIE  
12 COURS SABLON, F-63040,  
CLERMONT-FERRAND CEDEX 09, FRANCE  
A FRENCH COMPANY

INVENTOR : 1) PATRICK CORSI

INTERNATIONAL APPLICATION NO : PCT/EP99/01470 DATED 08/03/1998

INDIAN APPLICATION NO. : IN/PCT/2000/00396/MUM DATED 13/09/2000

PRIORITY NO. : 98/03570 DATED 20/03/1998 OF FRANCE

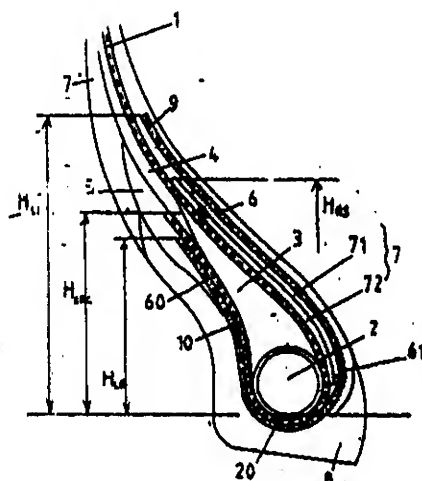
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,  
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

#### 06 CLAIMS

1) A tyre, designed to carry heavy loads, comprising at least one radial carcass reinforcement (1) formed of at least one ply of inelastic reinforcement elements and anchored in each tyre bead B to a bead wire (2), with a turn-up (10) whose end is located a radial distance  $H_{RNC}$  from the base of the bead, each bead B being reinforced by at least two additional reinforcement armatures (6, 7), at least one first armature (6) formed of a single ply of radial metallic inelastic reinforcement elements wrapped around the anchoring bead wire of the carcass reinforcement and forming two parts such that the radially upper end of the axially outer part is located radially a distance  $H_{L1}$  from the base of the bead equal to at least 65% of the distance  $H_{RNC}$ , and at least one second armature formed of elements that make with the circumferential direction an angle  $\alpha$  such that  $0^\circ \leq \alpha \leq 45^\circ$ , characterized in that when viewed in median section, the second additional bead reinforcement armature (7), which is not wrapped around the said anchoring bead wire, is formed of at least one ply of circumferential metallic reinforcing element which are sections or bundles of sections of metallic cables whose circumferential length is smaller than the circumferential length of the median axis of the bead wire.

COMPLETE SPECIFICATION : 15 PAGES

DRAWINGS: 03 SHEETS



IND. CL. : 6 B (2) 194114

INT. CL. : F 28 F 25/08

TITLE : AIR TREATMENT UNIT

APPLICANT : MUNTERS AB  
P.O. BOX 430, S- 191 24  
SOLLENTUNA, SWEDEN  
A SWEDISH COMPANY

INVENTOR : 1) BERTIL LUNDIN  
2) GEOFFREY BOWERS  
3) THOMAS PATRICIA TYSON

INTERNATIONAL APPLICATION NO : PCT/SE98/02411 DATED 21/12/1998

INDIAN APPLICATION NO. : IN/PCT/2000/00105/MUM DATED 20/06/2000

PRIORITY NO. : a) 9704832-6 DATED 22/12/1997 OF SWEDEN  
b) 9802463-1 DATED 08/07/1998 OF SWEDEN

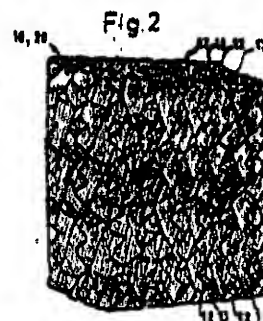
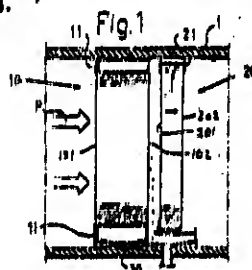
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,  
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

### 21 CLAIMS

1) An air treatment unit for treatment of an air stream flowing in a substantially horizontal direction and being blown through the unit from an inlet side to an outlet side, said airstream interacting with water pouring downwardly through said unit comprising at least one pad (10, 20) having a substantially vertical inlet surface (101, 201), an outlet surface (102, 202) and a multitude of narrow air-flow channels (14, 15) extending from said inlet surface to said outlet surface, the walls of said channels being formed by corrugated sheets (12, 13) of a stiff material as herein described, said sheets being positioned and fixed generally in mutually parallel, substantially vertical planes next to each other in such a way that the channels formed by the corrugations of any two adjacent sheets extend obliquely in two different directions in said mutually parallel vertical planes from said inlet surface to said outlet surface, characterised in that, at least in a central, major region of the pad, said mutually parallel, substantially vertical planes of said corrugated sheets are oriented obliquely relative to a substantially horizontal direction (N) being normal to said inlet surface (101, 201), whereby said air-flow channels extend obliquely not only in said two directions in said mutually parallel planes, but also obliquely sideways in a third direction, as seen in said substantially horizontal, normal direction (N), as a consequence of said oblique orientation of said mutually parallel planes.

COMPLETE SPECIFICATION : 17 PAGES

DRAWINGS: 02 SHEETS



IND. CL. : ----- 194115

INT. CL. : G 06 F 0/30, 9/40

TITLE : A PROCESSOR

APPLICANT : INTEL CORPORATION  
2200 MISSION COLLEGE BOULEVARD, SANTA CLARA,  
CALIFORNIA 95052,  
U. S. A.  
A DELAWARE CORPORATION

INVENTOR : 1) HAITHAM AKKARY  
2) KINGSUM CHOW

INTERNATIONAL APPLICATION NO : PCT/US98/26501 DATED 11/12/1998

INDIAN APPLICATION NO. : IN/PCT/2000/00059/MUM DATED 06/06/2000

PRIORITY NO. : 08/992,375 DATED 16/12/1997 OF U. S. A.

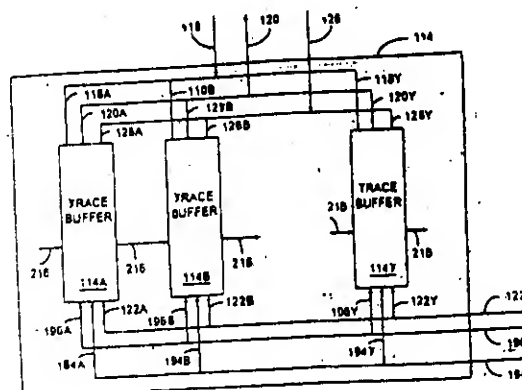
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,  
PATENTS RULES 2003), PATENT OFFICE BRANCH II, MUMBAI - 13.

### 11 CLAIMS

1) A processor comprising:  
an execution pipeline to concurrently execute at least portions of threads;  
detection circuitry to detect speculation errors involving thread dependencies in the execution of the threads caused by misspeculated instructions;  
trace buffers outside the execution pipeline to hold instructions of the threads including the misspeculated instructions; and  
triggering logic to identify at least some of the instructions, if any, as being dependent on at least one of the misspeculated instructions and to trigger re-execution of the misspeculated instructions and at least some of the identified dependent instructions, if any.

COMPLETE SPECIFICATION : 47 PAGES

DRAWINGS: 25 SHEETS



**IND. CL.** : 29B 194116

**INT. CL.** : G 06 F 17/60

**TITLE** : A SYSTEM FOR REAL TIME SUBSCRIBER BILLING AT A SUBSCRIBER LOCATION

**APPLICANT** : BLOCK PATENTS, INC  
1750 GREENFIELD, RENO,  
NEVADA, 89509,  
UNITED STATES OF AMERICA

**INVENTOR** : 1) ROBERT S. BLOCK

**INTERNATIONAL APPLICATION NO** : PCT/US98/26199 DATED 09/12/1998

**INDIAN APPLICATION NO.** : IN/PCT/2000/00039/MUM DATED 29/05/2000

**PRIORITY NO.** : 08/987,549 DATED 09/12/1997 OF U. S. A.

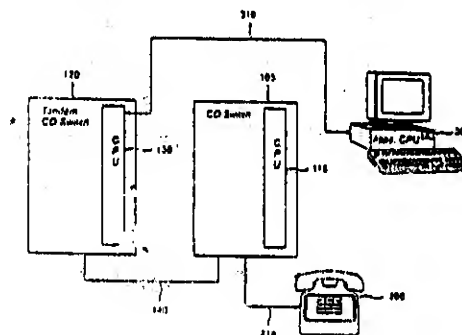
**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.**

### **11 CLAIMS**

1) A system for real time subscriber billing at a subscriber location in an unstructured communication network, the system comprising:  
storing means for storing account information for at least one subscriber at the subscriber location, the account information including an account balance and/or a credit limit for the subscriber.  
determining means for receiving the stored information from the storing means and determining whether the subscriber has a sufficient account balance and/or credit limit for a desired service; and  
authorizing means for authorizing or denying service to the subscriber in accordance with the determination, wherein the service is a communication session between subscribers directly connected to each other in the unstructured network

**COMPLETE SPECIFICATION : 59 PAGES**

**DRAWINGS: 34 SHEETS**



**IND. CL.** : 32 (B) 194117

**INT. CL.** : C 07 C 37/20

**TITLE** : PROCESS FOR THE PRODUCTION OF BIS (4-HYDROXYARYL) ALKANES

**APPLICANT** : BAYER AKTIENGESELLSCHAFT  
D-51368, LEVERKUSEN, GERMANY  
A COMPANY OF GERMANY

**INVENTOR** : 1) EEK ROB  
2) HALLENBERGER KASPAR  
3) MENDOZA-FROHN CHRISTINE  
4) RONGE GEORG  
5) FENNHOF GERHARD  
6) SLUYTS DOMIEN  
7) VERHOEVEN WERNER

**INTERNATIONAL APPLICATION NO** : PCT/EP98/07973 DATED 08/12/1998

**INDIAN APPLICATION NO.** : IN/PCT/2000/00052/MUM DATED 01/06/2000

**PRIORITY NO.** : 197 56 771.1 DATED 19/12/1997 OF GERMANY

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.**

### **11 CLAIMS**

1) A process for the production of bis(4-hydroxyaryl)alkanes by an acid-catalysed reaction between aromatic hydroxy compounds and ketones, in which there are guided through a reactor in countercurrent a liquid phase which contains the aromatic hydroxy compound, ketone and optionally water, and a gas phase which contains the aromatic hydroxy compound, ketone and optionally water, at concentrations such that in the reactor water passes over from the liquid phase into the gas phase and ketone from the gas phase into the liquid phase wherein the molar ratio of aromatic hydroxy compound to ketone is from 3.5 : 1 to 125 : 1.

**COMPLETE SPECIFICATION :** 21 PAGES

**DRAWINGS:** NIL

IND. CL. : 32 C 194118

INT. CL. : C 07 C 49/427

TITLE : A PROCESS FOR THE PREPARATION OF 4-  
[(UN)SUBSTITUTED PHENYL]-3, 4-DIHYDRO - 1 (2H)  
NAPHTHALENE - I - ONE

APPLICANT : CADILA HEALTHCARE LTD.  
ZYDUS TOWER,  
SATELLITE-CROSSROAD,  
AHMEDABAD, GUJARAT,  
INDIA, 380 015  
AN INDIAN COMPANY

INVENTOR : 1) PANDEY BIPIN  
2) LOHRAY VIDYA BHUSHAN  
3) LOHRAY BRAJ BHUSHAN

INTERNATIONAL : -----  
APPLICATION NO

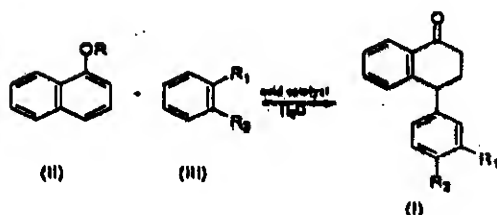
INDIAN : 230 MUM 2001 DATED 07/03/2001  
APPLICATION NO.

COMPLETE AFTER PROVISIONAL SPECIFICATION FILED ON 01.04.2002

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,  
PATENTS RULES 2003), PATENT OFFICE BRANCH II, MUMBAI - 13.

### 10. CLAIMS

1)



A process for the preparation of 4-[(un)substituted phenyl]-3,4-dihydro-1-(2H)-naphthalene-1-one of formula (I) which comprises reacting 1- substituted naphthalene of the formula (II) with (un)substituted benzene of formula (III), wherein R is CH<sub>3</sub>, C<sub>2</sub>H<sub>5</sub>, n-alkyl (n = 1-6), in the presence of an effective amount of an acid catalyst.

PROVISIONAL SPECIFICATION : 03 PAGES  
COMPLETE SPECIFICATION : 09 PAGES

DRAWINGS : NIL  
DRAWINGS : NIL

**IND. CL.** : 194119

**INT. CL.** : H 04 M 15/28

**TITLE** : A MOBILE STATION DIGITAL CELLULAR COMMUNICATION SYSTEM AND A METHOD TO PROVIDE CHARGING SPECIFIC INFORMATION IN A DIGITAL CELLULAR COMMUNICATION NETWORK

**APPLICANT** : TELEFONAKTIEBOLAGET LM ERICSSON [PUBL]  
S- 126 25 STOCKHOLM, SWEDEN  
A SWEDISH COMPANY

**INVENTOR** : 1) RALF KELLER  
2) GUIDO ZAVAGLI

**INTERNATIONAL APPLICATION NO** : PCT/EP99/00996 DATED 16/02/1999

**INDIAN APPLICATION NO.** : IN/PCT/2000/00232/MUM DATED 27/07/2000

**PRIORITY NO.** : 198 06 557.4 DATED 17/02/1998 OF GERMANY

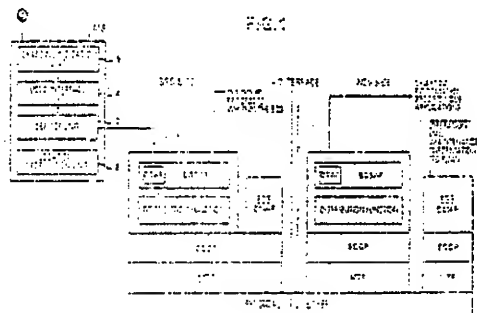
**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.**

### 24 CLAIMS

- 1) Mobile station for use in a digital cellular communication network supporting unstructured supplementary service data message, comprising:
- service means to perform services at the mobile station (MS) provided through the digital cellular communication network,
  - unstructured supplementary service data dialog means (4) to establish a transaction channel for unstructured supplementary service data messages (USSD) between the digital cellular communication network and the mobile station (MS), characterized by
  - charging indicating means (6) adapted to receive actual charging costs as unstructured supplementary service data messages (USSD) via the unstructured supplementary service data dialog means (4).

**COMPLETE SPECIFICATION : 33 PAGES**

**DRAWINGS: 10 SHEETS**





**IND. CL.** : 98 E + G **194120**

**INT. CL.** : F 24 J 1/00  
A 47 J 36/2P  
A 61 F 7/03

**TITLE** : A DISPOSABLE HEATING DEVICE

**APPLICANT** : TEMPRA TECHNOLOGY INC.,  
6140 15<sup>TH</sup> STREET EAST,  
BRADENTON, FLORIDA, 34203,  
UNITED STATES OF AMERICA

**INVENTOR** : 1) MARTIN W. SABIN  
2) CULLEN M. SABIN  
3) BARNEY J GUARINO

**INTERNATIONAL APPLICATION NO** : PCT/US99/02905 DATED 13/03/2001

**INDIAN APPLICATION NO.** : IN/PCT/2000/00288/MUM DATED 11/08/2000

**PRIORITY NO.** : 09/021,927 DATED 11/02/1998 OF U. S. A.

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.**

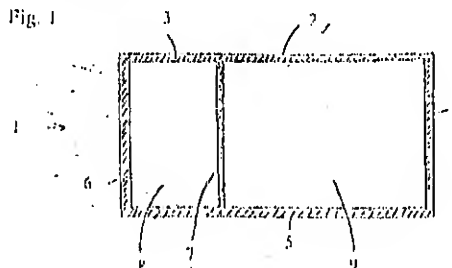
### 22 CLAIMS

1) A disposable heating device comprising:  
a disposable container having at least one liquid impermeable zone of a first type and at least one liquid impermeable zone of second type;  
a first liquid comprising oxidizing agent in the at least one zone of the first type;  
a second liquid comprising a fuel in the at least one zone of the second type;  
a non-fuel gelling agent in at least one of the zones; and  
a separator disposed between the at least one zone of the first type and the at least one zone of the second type, the separator being operable to provide communication between the zones;  
wherein communication between the zones causes mixing of the liquids therein and initiates an exothermic chemical reaction to produce heat in said container,  
wherein communication between the zones initiates gelation of said gelling agent within said container to produce in said container a non-fuel gel that moderates the rate of said chemical reaction,  
and wherein the said non-fuel gelling agent is in an amount sufficient to prevent the said device from overshooting a predetermined maximum temperature during use.

**COMPLETE SPECIFICATION : 29 PAGES**

**DRAWINGS: 02 SHEETS**

Fig. 1



IND. CL. : 170 D 194121

INT. CL. : C 07 11/00

TITLE : A PROCESS FOR THE PREPARATION OF A GRANULAR DETERGENT PRODUCT.

APPLICANT : HINDUSTAN LEVER LIMITED,  
HINDUSTAN LEVER HOUSE,  
165/166 BACKBAY RECLAMATION,  
MUMBAI – 400 020, MAHARASHTRA, INDIA.

INVENTORS. ; 1. WINSTTON ANTHONY PAREIRA  
2. RANA SEN GUPTA  
3. CHANDRASEKHARAN GOWRISHANKARAN

INTERNATIONAL APPLICATION NO : ----- DATED -----

INDIAN APPLICATION NO : 228/BOM/1999 DATED 30.03.1999

APPLICATION NO. COMPLETE AFTER PROVISIONAL SPECIFICATION LEFT ON 28.3.2000.

PRIORITY NO. : -----

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI - 13.

### 16 CLAIMS

A process for the preparation of a granular detergent product comprising :

contacting a liquid binder system being prepared comprising an acid precursor of an anionic surfactant and a hydrotrope in an amount of at least 1% by weight of said acid precursor, with a solid alkaline material, which acts as a neutralizing agent, in a shear mixer and granulating the mixture.

Comp.specn.: 13 pages

Drawings NIL sheets

Provisional specification 10 pages

Drawings NIL sheets

**IND. CL.** : 103 [XLV (1)] 194122

**INT. CL.** : B 01 B, 1/009

**TITLE** : A METHOD FOR TREATING EXHAUST GAS EMISSIONS PRODUCED DURING COMBUSTION OF COAL IN A COAL COMBUSTION PLANT FOR REDUCING SUSPENDED PARTICULATE MATTER.

**APPLICANT** : DEPT. OF ATOMIC ENERGY,  
GOVERNMENT OF INDIA,  
ANUSHAKTI BHAVAN,  
CHHATRAPATI SHIVAJI MAHARAJ MARG,  
MUMBAI - 400 039. MAHARASHTRA, INDIA

**INVENTORS** : 1. DR RAMAKRISHNA RAMANATH SONDE  
2. ARUN KESHAO WECHALEKAR  
3. HIREBETTU SADANANDA KAMATH

**INTERNATIONAL : APPLICATION NO.** ---

**INDIAN : APPLICATION NO.** 31/BOM/1999 DATED 12/01/1999

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI - 13.**

### 15. CLAIMS

- 1) A method for treating exhaust gas emissions produced during combustion of coal in a coal combustion plant for reducing suspended particulate matter, with a view to prevent environmental pollution, said method comprising steps of :
- i) preparing the conditioning agents selected from group of chemicals comprising ammonia its precursors, ammonia solutions and ammonia vapour as herein described, ii) mixing the said reagents with air with at least 1% ammonia iii) injecting the mixtures of said agents and air into exhaust emissions, and iv) passing the mixture of said agents -air-flue gas through electrostatic precipitator to precipitate SPM and then let the flue gas into atmosphere through a stack.

**Provisional Specification : 15 Pages**

**Drawings : Nil Sheets**

IND. CL. : 170 C 194123

INT. CL. : C 11 D 9/06  
9/14

TITLE : DEVICE FOR STAMPING A SUBSTRATE.

APPLICANT : HINDUSTAN LEVER LIMITED.,  
HINDUSTAN LEVER HOUSE,  
165/166 BACKBAY RECLAMATION,  
MUMBAI- 400 020.  
MAHARASHTRA, INDIA,  
AN INDIAN COMPANY.

INVENTORS : 1. PASQUALE MICHAEL BUZZEO  
2. DANIEL JOHN HEINZ  
3. EDWARD ROSS STORY

INTERNATIONAL : -----  
APPLICATION NO.

INDIAN : 835/BOM/1998 DATED 28/12/1998  
APPLICATION NO.

PRIORITY NO. : 09/000558 (33) U.S.A. (32) 30/12/1997

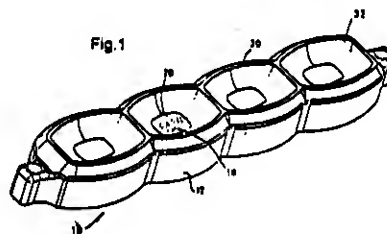
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS  
RULES 1972), PATENT OFFICE BRANCH, MUMBAI - 13.

### 14 CLAIMS

- 1) A device for stamping a substrate comprising a die, the die comprising at least one substrate stamping surface having an elastomeric coating, characterized in that said coating comprises a metallic conductive filler.

Complete Specification : 23 Pages

Drawings : 02 Sheets



IND. CL. : 170 D<sup>a</sup> 194124

INT. CL. : C 07 d 3/00

TITLE : ORAL CARE COMPOSITION

APPLICANT : HINDUSTAN LEVER LIMITED.,  
HINDUSTAN LEVER HOUSE,  
165/166 BACKBAY RECLAMATION,  
MUMBAI- 400 020.  
MAHARASHTRA, INDIA.

INVENTORS : CHRISTOPHER DAVID GIBBS

INTERNATIONAL : ---  
APPLICATION NO.

INDIAN : 806/BOM/1998 DATED 14/12/1998  
APPLICATION NO.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS  
RULES 1972), PATENT OFFICE BRANCH, MUMBAI - 13.

07 CLAIMS

- 1) An oral care composition comprising particulate calcium carbonate as the main or major abrasive cleaning agent, and a fluorine-providing compound as anti-caries agent, wherein the composition has a pH of above 8.5 and further comprises a fully neutralized polyacrylic acid having a molecular weight between 1000 and 250,000.

Complete Specification : 12 Pages

Drawings : Nil Sheets

IND. CL. : 170 D 194125

INT. CL. : C 11 D 1/00

TITLE : ANTIPERSPIRANT OR DEODARANT COSMETIC COMPOSITIONS.

APPLICANT : HINDUSTAN LEVER LIMITED.,  
HINDUSTAN LEVER HOUSE,  
165/166 BACKBAY RECLAMATION,  
MUMBAI- 400 020.  
MAHARASHTRA, INDIA,  
AN INDIAN COMPANY.

INVENTORS : 1. DAVID TERENCE PARROTT

INTERNATIONAL :  
APPLICATION NO. -----

INDIAN : 739/BOM/1998 DATED 23/11/1998  
APPLICATION NO.

PRIORITY NO. : 9724802.5 (33) UK (32) 24/11/1997

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS  
RULES 1972), PATENT OFFICE BRANCH, MUMBAI - 13.

### 08 CLAIMS

- 1) An antiperspirant or deodorant cosmetic composition suitable for topical application to the human skin, comprising:
  - i) an antiperspirant or deodorant active;
  - ii) a carrier for the antiperspirant or deodorant active; and
  - iii) borage seed oil.

Complete Specification : 19 Pages

Drawings : Nil Sheets

IND. CL. : 170 194126

INT. CL. : A 61 K 7/06

TITLE : HAIR TREATMENT COMPOSITION FOR TOPICAL APPLICATION

APPLICANT & INVENTORS : HINDUSTAN LEVER LIMITED.,  
HINDUSTAN LEVER HOUSE,  
165/166 BACKBAY  
RECLAMATION,  
MUMBAI- 400 020.  
MAHARASHTRA, INDIA.  
AN INDIAN COMPANY.

1. FRANCES ELLIS  
2. TAKAHIRO HIRAISHI  
3. TADASHI NUMATA  
4. MATTHEW PEARCE

INTERNATIONAL APPLICATION NO : -----

INDIAN APPLICATION NO. : 385/BOM/1999. DATED 21/05/1999.

PRIORITY NO. : 9811754.2 Dated 1.6.98 of U.K.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI - 13.

### 06 CLAIMS

A hair treatment composition suitable for topical application to hair for the repair and prevention of damage, comprising

- (i) cholesterol, and
- (ii) a hair benefit agent which is a mixture of a basic amino acid and a fatty acid.

Complete specification : 29 pages

Drawings: NIL sheet

IND. CL. : 25 A 194127  
INT. CL. : E 04 D 3/00  
TITLE : AN IMPROVED FALSE CEILING SLAB AND A PROCESS FOR  
MANUFACTURING SAID CEILING SLAB.  
APPLICANT : SUREKA MARKETING & ENGINEERING PVT LTD  
INDIAN CO. 510. CHETAK CENTRE 12/2 R.N. TAGORE  
MARG INDORE - 452 001 MADHYA PRADESH, INDIA  
INVENTORS : ANURAG SUREKA  
INTERNATIONAL APPLICATION NO :  
INDIAN APPLICATION NO. : 161/BOM/1999 DATED 05.03.1999

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,  
PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI - 13.

### 9 CLAIMS

An improved false ceiling slab comprising a expanded polystyrene moulded slab with synthetic coating adapted to mount on T-Section metal frame of ceiling by adhesive or screws.

Complete Specification - 06.

Drawing - Nil



IND. CL. : 128 K 194128  
INT. CL. : A 61-M 016/00  
TITLE : THE TABLE TOP MOBILE MAJOR OPERATION THEATRE  
APPLICANT : DR. SANJAY PRABHAKAR GADEKAR  
12 JASMINI N.M.V. SOCIETY NEAR R.T.O. C.I. LINES,  
NAGPUR-440 001, MAHARASHTRA (INDIA),  
AN INDIAN NATIONAL.  
INVENTORS : IDEM  
INTERNATIONAL : —  
APPLICATION NO.  
INDIAN : 164/BOM/1999 DATED 09/03/1999  
APPLICATION NO.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS  
RULES 1972), PATENT OFFICE BRANCH, MUMBAI - 13.

### 02 CLAIMS

- 1) The tabletop mobile major operation theatre comprising a surgical material cabinet, surgery chamber, concealed instrument trolley and operation table,

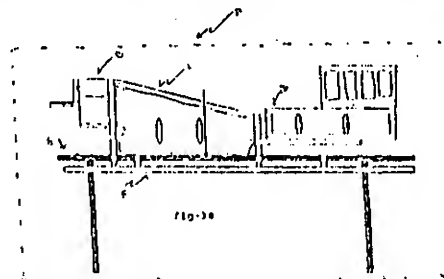
The said surgical material cabinet being a cabinet with a closable transparent acrylic shutter, a multi load magazine being provided in it to store surgical catriages where all the essential surgical materials are kept and the said surgical material cabinet is fitted on the front of the said surgery chamber;

The said concealed instrument trolley where all the sterile instruments required for surgery kept is fitted to the rear of the surgery chamber with patient passages opening in surgery chamber;

The said surgical chamber being a concealed chamber where the surgery is performed consisting of a metal body frames as its skeleton, air tight water proof curtain cum drapes with sleeves for concealing the surgery chamber, front panel of the said chamber is made of stainless steel to accommodate the surgical material cabinet and the rear panel made of acrylic sheet to accommodate concealed instrument trolley, exhaust fan and bacterial filter being provided for air sterilization, supporting rolling base made of steel mounted on the operation table to provide easy movement of the table top mobile major operation theatre along the operation table, fluorescent tube light with opaque shade of acrylic and flexible snake lights being provided for the lighting of the chamber.

Complete Specification : 08 Pages

Drawings : 16 Sheets



IND. CL. : 101 3 194129

INT. CL. : C 2 C 8/40

TITLE : A METHOD OF MANUFACTURING AUSTENITIC STAINLESS STEEL ESPECIALLY FOR MAKING WIRE.

APPLICANT : UGINE-SAVOIE IMPHY OF AVENUE PAUL GIROD,  
73400-UGINE, FRANCE,  
FRENCH COMPANY

INVENTORS : IDEM

INTERNATIONAL : —  
APPLICATION NO.

INDIAN : 175/BOM/1999 DATED 12/03/1999  
APPLICATION NO.

PRIORITY NO. : 9803263 DATED 18/03/1998 OF FRANCE

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI - 13.

#### 04 CLAIMS

- 1) A method of manufacturing austenitic stainless steel composition for the production of wire, which can be used in the field of drawing wire down to diameters of less than 0.3 mm and in the field of producing components subjected to fatigue, characterized by mixing the following composition by weight :

- $5 \times 10^{-3}\% \leq \text{carbon} \leq 200 \times 10^{-3}\%$
- $5 \times 10^{-3}\% \leq \text{nitrogen} \leq 400 \times 10^{-3}\%$
- $0.2\% \leq \text{manganese} \leq 10\%$
- $12\% \leq \text{chromium} \leq 23\%$
- $0.1\% \leq \text{nickel} \leq 17\%$
- $0.1\% \leq \text{silicon} \leq 2\%$

in which the residual elements are controlled so that :

- $0\% \leq \text{sulphur} \leq 100 \times 10^{-4}\%$
- $40 \times 10^{-4}\% \leq \text{total oxygen} \leq 120 \times 10^{-4}\%$
- $0\% < \text{aluminium} \leq 5 \times 10^{-4}\%$
- $0\% \leq \text{magnesium} \leq 0.5 \times 10^{-4}\%$
- $0\% < \text{calcium} \leq 5 \times 10^{-4}\%$
- $0\% \leq \text{titanium} \leq 4 \times 10^{-4}\%$
- impurities inherent in the manufacture,

and in which oxide inclusions have, in the form of a glassy mixture, the following proportions by weight

- $40\% \leq \text{SiO}_2 \leq 60\%$
- $5\% \leq \text{MnO} \leq 50\%$
- $1\% \leq \text{CaO} \leq 30\%$
- $0\% \leq \text{MgO} \leq 4\%$
- $5\% \leq \text{Al}_2\text{O}_3 \leq 25\%$
- $0\% \leq \text{Cr}_2\text{O}_3 \leq 4\%$
- $0\% \leq \text{TiO}_2 \leq 4\%$

the oxides of which the inclusions are composed satisfying the following relationship:

$$\% \text{Cr}_2\text{O}_3 + \% \text{TiO}_2 + \% \text{MgO} < 10\%$$

IND. CL. : 32 C 194130  
INT. CL. : D 06 P 005/00  
TITLE : A PROCESS OF MAKING DYED AND / OR U.V. STABILIZED POLYESTER SUBSTRATE WITH CONTROLLED SHRINKAGE AND SURFACE PROPERTIES, AND AN EQUIPEMENT FOR CARRYING OUT THE SAID PROCESS.  
APPLICANT : GARWARE POLYESTER LTD.,  
AN INDIAN COMPANY,  
GARWARE HOUSE, 50 A,  
SWAMI NITYNANDD MARG,  
VILE PARLE (EAST),  
MUMBAI - 400 057, MAHARASHTRA,  
INDIA.  
INVENTORS : SHASHIKANT BHALCHANDRA GARWARE.  
INTERNATIONAL :  
APPLICATION NO. \_\_\_\_\_  
INDIAN : 182/BOM/1999 DATED 16/03/1999  
APPLICATION NO.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI - 13.

13 CLAIMS

- 1) A process of making dyed and / or UV stabilized polyester / PET substrate with controlled shrinkage and surface properties, comprising of the following steps:
  - a) Passing the said PET substrate through the bath of polyhydric alcohol containing Dyes and / or UV absorbers kept at high temperature, for Dye setting and / or UV Stabilization;
  - b) Passing the said Dyed and / or UV stabilized PET substrate of step (a) through a cleaning section consisting of solvents / water / surfactant sprays, for thoroughly cleaning and removing dye and / or UV absorber particles;
  - c) Passing the said dyed and / or UV stabilized PET substrate after cleaning, as per step (b), into a steam chamber followed by Infra Red Heater chamber for striping / loosening undefused particles and removing moisture and solvent traces from the substrate surfaces.
  - d) Passing the said Dyed and/or UV stabilized PET substrate after cleaning and drying, as per step (c), through the stenter oven for shrinkage controlling in both machine, direction and transverse direction and complete removal of traces of Polyhydric alcohol, water and solvents.

Complete Specification : 11 Pages

Drawings : 01 Sheets

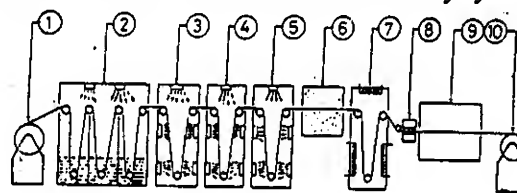


FIG. 1

IND. CL. : 130 I 194131

INT. CL. : H 01 J 063/04

TITLE : A PROCESS FOR THE PREPARATION OF EUROPIUM ACTIVATED RED EMITTING YTTRIUM PHOSPHATE VANADATE PHOSPHOR WITH BORON.

APPLICANT : DEPT. OF ATOMIC ENERGY,  
GOVERNMENT OF INDIA,  
ANUSHAKTI BHAVAN,  
CHHATRAPATI SHIVAJI MAHARAJ MARG,  
MUMBAI - 400 039.  
MAHARASHTRA, INDIA

INVENTORS : 1. DR. GEEVARGHESE ALEXANDER  
2. POTTAYIL RAMAKRISHNAN

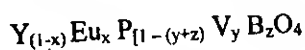
INTERNATIONAL : ---  
APPLICATION NO.

INDIAN : 222/BOM/1999 DATED 26/03/1999  
APPLICATION NO.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI - 13.

### 02 CLAIMS

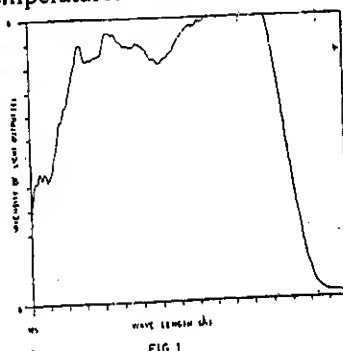
1) A process for the preparation of europium activated red emitting yttrium phosphate vanadate phosphor with boron of the molecular formula



wherein Y is yttrium, Eu is europium, P is phosphorus, V is vanadium, B is boron, x is fractional atomic concentration of europium with respect to yttrium and is 0.035, y is fractional atomic concentration of vanadium with respect to total atomic concentration of phosphorus, vanadium and boron and is 0.55 and z is fractional atomic concentration of boron with respect to total atomic concentration of phosphorous vanadium and boron and is 0.2, the process comprising dissolving 49.25% by weight of yttrium oxide of 99.99% purity and 2.78% by weight europium oxide of 99.99% purity in nitric acid at 80 to 100° C, treating the nitric acid solution with oxalic acid isolating the oxalate precipitate from the solution, drying the precipitate at 200-300° C, reducing the precipitate by heating it to 700 to 750° C, blending the mixed oxide with 11.93% by weight of diammonium hydrogen phosphate of reagent grade purity, 29.06% by weight of ammonium vanadate of reagent grade purity and 6.98% by weight of boric acid of reagent grade purity, milling the product, heating the powder to 750-800° C milling the powder, firing the powder at 1180 - 1190° C, cooling the powder to ambient temperature, grinding the powder, annealing the powder at 950 to 970° C and cooling the powder to room temperature.

Complete Specification : 15 Pages

Drawings : 02 Sheets



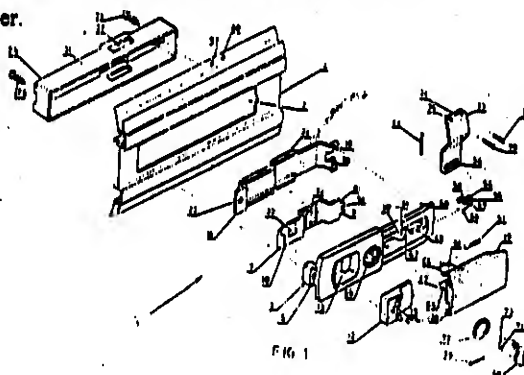
IND. CL. : 117 B 194132  
INT. CL. : E 05 B 06/52  
TITLE : A SIDE LOCK ASSEMBLY FOR A LUGGAGE CASE.  
APPLICANT : VIP INDUSTRIES LIMITED,  
AN INDIAN COMPANY,  
78A MIDC, SATPUR, NASHIK - 422 007.  
MAHARASHTRA, INDIA.  
INVENTORS : 1. SUNIL CHIMANRAO KOLHE  
2. MANQJ NARENDRA GAUBA.  
INTERNATIONAL : —  
APPLICATION NO.  
INDIAN : 379/BOM/1999 DATED 20/05/1999  
APPLICATION NO.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS  
RULES 1972), PATENT OFFICE BRANCH, MUMBAI - 13.

### 02 CLAIMS

A side lock assembly for a luggage case comprising a body fitted at a side of the front portion of a reinforcing metallic frame fitted on the side wall of the bottom shell of the luggage case or at a side of the front portion of the sidewall of the bottom shell itself, a slider slidably disposed at the backside of the body and provided with a pair of tapered confronting steps spaced apart at the opposite sides thereof, one end of the slider being fitted with a knob exposed to the front side of the body through a slot in the said one end of the body, the knob being provided with a grip, a retainer plate disposed over the slider and fitted to the body, the retainer plate being provided with a stopper member laterally inwardly projecting therefrom, a backcover disposed over the retainer plate and slider and fitted to the body. The upper sidewall of the back cover being provided with a slot, a hasp at a corresponding side of the front portion of the side wall of the top shell of the luggage case and provided with an endless slot therethrough, the hasp being adapted to enter the slot at the upper sidewall of the back cover and position itself in the proximity of the stopper member, a pop lever provided with a cover and disposed with a torsion spring strressed in a slot in the other end of the body from the front side thereof, one end of the pop lever being hinged to said other end of the body and tension spring stretched to the other end of the slider, the ot end of the pop lever being provided with a pair of laterally inwardly directed projections spaced apart defining tapered heads adapted to slide over the tapered steps of the slider and snap fit thereagainst, the upper projection being adapted to enter the endless slot in the hasp in the pressed in position of the pop lever and a lock fitted in the body to lock and unlock the slider.

Complete Specification : 15 Pages  
Drawings : 04 Sheets



IND. CL. : 27 I, O 194133

INT. CL. : E 04 C 2/38, F 04 F 13/08, F 16 S 1/10, 1/12

TITLE : A FREE STANDING PARTITION PANEL.

APPLICANT : GODREJ AND BOYCE  
& INVENTORS MANUFACTURING COMPANY LTD  
AN INDIAN COMPANY,  
PIROJSHANAGAR, VIKHROLI,  
MUMBAI - 400 079, MAHARASHTRA  
INDIA.

GIRISH VYANKATRAO NALAVADE.

INTERNATIONAL : -----  
APPLICATION NO

INDIAN :  
APPLICATION NO. : 576/BOM/1999. DATED 16/08/1999.

PRIORITY NO. : -----

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS  
RULES 1972), PATENT OFFICE BRANCH, MUMBAI - 13.

### 03 CLAIMS

A free standing partition panel (1A). A pair of spaced vertical members (2) are adapted to hold adjustably supporting brackets of work surface by providing open slots (2E) therein. A plurality of work surface by providing open slots (2E) therein. A plurality of spaced cross members (4) provided with spaced opening (4E) there through are adapted to be removably vertically adjustably fitted to the vertical members by providing hooks (4D) engagable in slots (2D) in the vertical members. A plurality of spaced vertical partition members (6) are adapted to be removably horizontally adjustably fitted to adjacent cross members by providing holes (6C, 6D) in flanges (6A, 6B) thereof and in holes (4E) in the cross members. At least one raceway or hollow space (7A) is defined between two adjacent cross members (4) and covered with side panel members (8A, 8B) hinged to one of the two adjacent cross members (4). The remaining spaces between the remaining cross members (4) is covered with a plurality of panels (9A, 9A', 9B, 9B') provided with clamps (9C) adapted to be removably engaged onto the cross members (4). Optionally it comprises an add-on partition panel (1B), similar in construction to the above partition panel (1A) but without the raceway (7A) and removably fitted by providing channel members (13) at the top thereof

Complete specification: 19 pages

Drawings 10 sheets

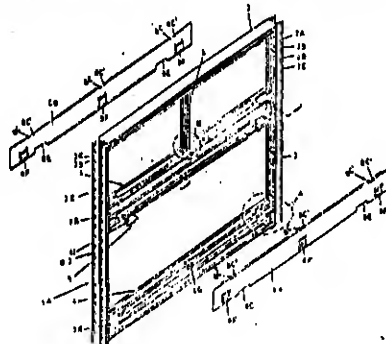


FIG. 1

IND. CL. : 116 B 194134

INT. CL. : B 65 F 3/28  
B 30B 1/16, 9/28

TITLE : REFUSE COMPACTOR MOUNTED ON AN AUTOMOBILE CHASSIS.

APPLICANT & INVENTORS : ANTONY MOTORS PVT. LTD.  
PLOT NO. A-390-391, MAHAPE,  
MIDC, T.T.C, ZONE, GHANSOLI,  
NAVI MUMBAI 400 701,  
MAHARASHTRA, INDIA,  
AN INDIAN COMPANY

1. KALLARAKKAL THOMAS OUSEPH.  
2. KALLARAKKAL JOSE JOCOB.

INTERNATIONAL APPLICATION NO :

INDIAN APPLICATION NO. : 871 BOM 1999 Dated : 30-11-1999

PRIORITY NO. :

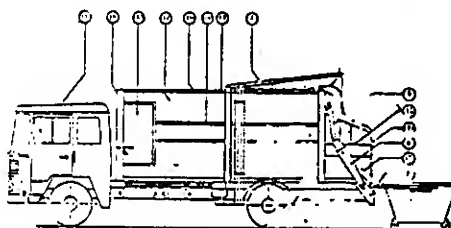
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI - 13.

### 11 CLAIMS

A refuse compactor mounted on an automobile chassis for handling garbage in the city/ town limit comprising a rectangular closed container (10) having one end opening adapted to be mounted on an automobile chassis (11) with the said opening at rear end of chassis ; an ejector plate (2) having size of cross section of the said container (10) Provided inside the said container and the said ejector plate is moveable forward and backward by means of a telescopic hydraulic cylinder first ram (1); a compactor plate (4), made up of three gusset plates (4A, 4B, 4C) at distant, welded to rectangular plate (4H) and a hinge pin (4D) provided on the top of longer center gusset plate and projected top to other end gusset plates (4A, 4C) provided with hinge pins (4E), freely supported at the top of the said container by the said hinge pins (4E) of end gusset plates; a second ram of hydraulic cylinder (3) provided at top center of the said container freely attached to the said hinge of center gusset plate (4B); a hopper (15) is provided to the said container at rear bottom , having a

bottom and slanted side walls (17) and edge of the said walls provided with rectangular groove (17A); a hinged rear gate (15A) is provided to said bottom of hopper, a bin lifter provided to the said hopper consisting of a transverse plate (9) in vertical plane freely held at rear and below the hopper with perpendicularly welded triangular plates (7) at edges freely attached to one end of lever (6) having fulcrum (6A) at side walls of the said hopper and other end of the said lever a third ram of hydraulic cylinder supported at top of the said container side wall edges is freely attached and all the said hydraulic cylinders are supplied oil under pressure by a pump driven by the automobile engine through power take off.

Comp.specn.: 12 pages



Drawings 11 sheet



IND. CL. : 89 XLI(6) 194135  
INT. CL. : G 01 B 007/00  
  
TITLE : AN IMPROVED THICKNESS / DENSITY MEASURING APPARATUS.  
  
APPLICANT : PRAVEEN SINGHAL,  
& 276,SANJAY BLDG.,NO.5-B, MITTAL INDUSTRIAL ESTATE,  
INVENTORS : ANDHERI KURLA ROAD,  
ANDHERI (E), MUMBAI – 400 059.  
MAHARASHTRA, INDIA.  
INDIAN NATIONAL  
  
APPLICATION NO. : 758/ BOM/1998 FILED ON : 27-11-1998

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI 13.

**04 CLAIMS**

An improved thickness/density measuring apparatus comprising of :-

a particle radiation source;  
a particle radiation detector space from the said source and comprising a diode;  
means having a pulse rate counter connected to the precision comparator and means responsive to the output of said pulse rate counter for producing said signal for preventing the light from imprinting on the said diode; permitting particle radiator from said source to strike the said diode & for further providing a low resistance conductive material layer in a path of particle movement between the said source & the said detector;  
a charge sensitive impedance balance connected to an output of said diode;  
a narrow band with high gain amplifier connected to the output of said impedance balance;  
a active filter is connected to the output of narrow band with high gain amplifier;  
a temperature compensation circuit output of which as well as output of active filter is connected to pulse shaping circuit;  
a precision comparator is connected to the output of pulse shaping output;  
a frequency generator is connected to an output of precision comparator;  
a programmable divider is connected to the output to the frequency generator;  
a TTL differentiating logic is connected to the output of programmable differentiating logic;  
an intelligent gauge interface is connected to the output of the said differentiating logic for providing a signal responsive of at least one of the thickness & density of a material placed between said particle radiation and particle radiation detector.

Complete specification: 15 pages,

Drawing: Nil Sheet.

IND. CL. : 45 G3 & 184 194136

INT. CL. : E 03C 1/00

TITLE : AN IMPROVED FLOAT VALVE SYSTEM FOR FLUSH TANK AND OTHER CISTERN.

APPLICANT & INVENTORS : YEZDI ERUCHSHAW PATEL,  
SILLOO YEZDI PATEL,  
ROSHAN DADI PATEL PATNERS  
OF PATEL PLASTIC CORPORATION  
11 HILTON APARTMENTS, 35-A,  
HILL ROAD, BANDRA (W),  
MUMBAI 400 050, MAHARASHTRA  
INDIA, INDIANS

MARAZBAN HANSOTIA.

INTERNATIONAL APPLICATION NO : -----

INDIAN APPLICATION NO. : 826 BOM 1998. DATED 21-12-1998.

PRIORITY NO. : -----

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI - 13.**

### 02 CLAIMS

An improved float valve system for flush tank (1) comprising of a float valve, (2), a siphon system (3) and a stop cock (4), to stop further flow of water, in flow communication with an outside water inlet (18) through a release valve (5) characterized in that the said release valve being provided with an inlet port (6) and , an outlet port (7) situate by the side of the inlet port, separated by a rubber diaphragm positioned in the grooves provided across the inlet and outlet ports of the valve; the outlet port provided with a release pin (9) in flow communication and coupled with an on/off drain valve (10); the outer end of the outlet port provided with two separate conduits (12,15) at 90° apart, one connected to a disinfect reservoir (14) at the top for inlet of water and the other one (15) at bottom to drain the water; the said disinfectant reservoir is provided with a overflow gate (16) to drain the disinfectant into the flush tank; the disinfect reservoir is provided with an opening (17) for dosing the disinfectant in the reservoir.

Complete specification : 09 pages

Drawings: 03 sheets

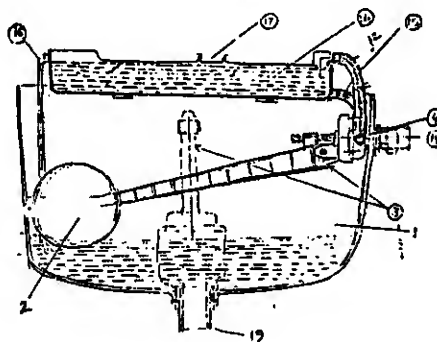


FIG. 2

IND. CL. : 15 C 194137  
INT. CL. : F 16 C 33/00  
F 16 C 35/00  
TITLE : BEARING ARRANGEMENT.  
APPLICANT : RENK AKTIENGESELLSCHAFT OF  
GOGGINGER STRASSE 73,  
D-86159 AUGSBURG, GERMANY,  
GERMAN COMPANY  
INVENTORS : JOACHIM MEYER  
INTERNATIONAL : —  
APPLICATION NO.  
INDIAN : 35/BOM/1999 DATED 15/01/1999  
APPLICATION NO.  
PRIORITY NO. : 198 06 839.5 DATED 18/02/1998 OF GERMANY

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS  
RULES 1972), PATENT OFFICE BRANCH, MUMBAI - 13.**

### 02 CLAIMS

A bearing arrangement for the support of a rotor relative to a stator of a machine, characterized in that in a machine plate (10) a circular opening (9) is formed, that a bearing (8) with a bearing axis of rotation (14) for supporting the rotor (6) is disposed eccentrically with respect to a radial center (12) of the circular opening (9), and that the bearing (8) with the bearing axis of rotation (14) is disposed in the circular opening (9) and is adjustable about the radial center (12) to different angular position and can fastened in a particular desired angular position on the machine plate (10), the bearing (8) having a periphery, only a portion of the bearing periphery having a circular arc form, surface (36) mating with the circular opening (9) and engaging a surface of the circular opening (9).

**Complete Specification : 08 Pages**

**Drawings : 02 Sheets**

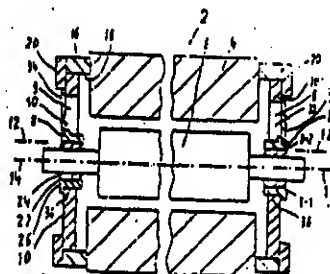


FIG. 1

IND. CL. : 129 (G) 194138

INT. CL. : B 24 B

TITLE : AN IMPROVED SAFE MINIATURE HOLDER FOR POLISHING

APPLICANT : PRAVIN MANILAL PANCHAL  
OF 4, VIRESHWAR DARSHAN, G.B.I. MARG,  
VILE PARLE (E), MUMBAI 400 057,  
MAHARASHTRA, INDIA. AN INDIAN COMPANY

INVENTORS : IDEM

INTERNATIONAL : ---  
APPLICATION NO.

INDIAN : 735/BOM/1998 DATED 23/11/1998  
APPLICATION NO.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS  
RULES 1972), PATENT OFFICE BRANCH, MUMBAI - 13.

## 2. CLAIMS

- 1) An improved safe miniature holder (1) for polishing comprising of a steel spindle (2) having a having a knurled surface (3) at one end a molded plastic body (4) with a longitudinal grooved portion (6) mounted over the said knurled surface; the said plastic body provided with a circular flange (5) having ribs (7) on its innerwall at 90° apart for gripping an abrasive disc (8); a cup shaped end cap (9) of plastic moulded material with radial grooves (10) pressed on the said abbrasive disc for better gripping and positioning of the abrasive disc;

Complete Specfication : 05 Pages

Drawings : 02 Sheets

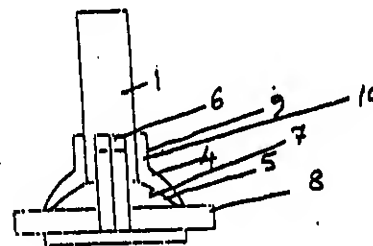


FIG.2

IND. CL. : 128 G 194139  
INT. CL. : A 61 B 1/30  
TITLE : A CYSTOSCOPIC ATTACHMENT.  
APPLICANT : PRAKASH GANGADHAR PATANKAR  
335-B, SHIVAJI CHOWK,  
CHIPLUN-415 605,  
MAHARASHTRA, INDIA.  
INVENTORS : IDEM  
INTERNATIONAL :  
APPLICATION NO. :  
INDIAN : 59/BOM/19999 DATED 25/01/1999  
APPLICATION NO. :

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS  
RULES 1972), PATENT OFFICE BRANCH, MUMBAI - 13.

### 02 CLAIMS

- 1) A cystoscopic attachment (1) comprising a hollow tube (2) of at least 24.5 cms in length provided at one end with a sleeve (3) to house and align the telescope (4) and the other end provided with a bridge (5) having a port for telescope with locking arrangement (6); a latch (7) provided at the other end of the bridge for fixing cystoscope sheath; a port (8) angularly provided for insertion of a pneumatic probe (10) through the said hollow tube and positioned below the telescopic port and an outlet opening (9) provided at the side of the port (8) for renewal of the fluid during operation.

Complete Specification : 05 Pages

Drawings : 02 Sheets

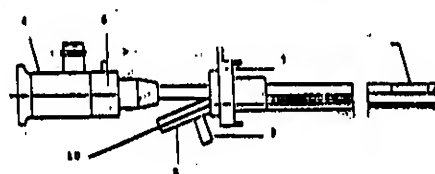


FIGURE 1

IND. CL. : 107 G 194140

INT. CL. : F 16 F - 15/00

TITLE : A SUSPENSION SYSTEM FOR HERMETIC SEALED COMPRESSORS.

APPLICANT : KIRLOSKAR COPELAND LIMITED,  
OF 1202/1, GHOLE ROAD, PUNE 411 005,  
MAHARASHTRA, INDIA, AN INDIAN COMPANY.

INVENTORS : 1) VINAYAK MADAN JUGE  
2) SENTHIL NATHAN JAGANATHAN  
3) SANJAY SHRIPAD GOSAVI

INTERNATIONAL : -----  
APPLICATION NO.

INDIAN : 335/MUM/2000 DATED 11/04/2000  
APPLICATION NO.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS  
RULES 1972), PATENT OFFICE BRANCH, MUMBAI - 13.

### 02 CLAIMS

1) A suspension system for hermetic sealed compressors which includes using springs of varied lengths in which the inactive turns are varied but the active turns are kept constant in the suspension system to compensate for the imbalance in the mass concentration of the compressors and attenuate the tilting of the support plane.

Complete Specification : 10 pages

Drawings : 02 Sheets

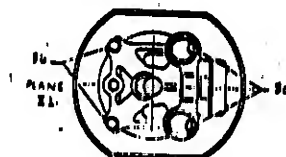


FIGURE 1

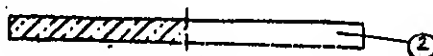
**IND. CL.** : 179 F 194141  
**INT. CL.** : 65 D - 041/34  
**TITLE** : AN IMPROVED PILFER PROOF PLASTIC CLOSURE FOR BOTTLES /CAN  
**APPLICANT** : ZENNA PLASTICS LIMITED, 19-A, MIRA CO-OP. INDUSTRIAL ESTATE, MIRA 401 104, MAHARASHTRA, INDIA. AN INDIAN COMPANY.  
**INVENTOR** : AVINASH BRIJLAL GUPTA

**INDIAN APPLICATION NO** : 30/BOM/1999 FILED ON 11.01.1999

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI - 13.**

**04 CLAIM**

An improved pilfer proof closure comprising a cap portion (1) having inner threading (8) to be fitted with a bottle having matching threads; a sealing ring (5) adopted to engaged to the bottle neck having inner sleeve (4) with latching beads to be engaged to the cap inner portion having matching grooves; the said sealing ring and said inner sleeves are connected by thin bridging (6).



**FIG.3**

**Comp.specn. 8 pages**

**Drawings: 02 sheets**

IND. CL. : 194142

INT. CL. : F 25 B 31/02

TITLE : AN IMPROVED VALVE FOR THE DISCHARGE PORT OF  
HERMETICALLY SEALED COMPRESSOR.

APPLICANT : KIRLOSKAR COPELAND LIMITED,  
OF 1202/1, GHOLE ROAD, PUNE 411 005,  
MAHARASHTRA, INDIA.  
AN INDIAN COMPANY.

INVENTORS : SENTHIL NATHAN JAGANATHAN

INTERNATIONAL : ---  
APPLICATION NO.

INDIAN : 164/MUM/2001 DATED 13/ 2/2001  
APPLICATION NO.

COMPLETE SPECIFICATION FILED AFTER PROVISIONAL SPECIFICATION  
DATED : 11/04/2002

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS  
RULES 1972), PATENT OFFICE BRANCH, MUMBAI - 13.

**04 CLAIMS**

- 1) An improved valve for the discharge port of hermetically sealed compressor comprising a non metallic insert provided in a seat in the valve plate via which the valve leaf and the retainer of the valve leaf are fitted to the valve plate for damping of structure borne noise created by the impact of the valve leaf against its retainer at the discharge port.

Provisional Specification : 06 Pages  
Complete Specification : 07 Pages

Drawings : 03 Sheets  
Drawings : 03 Sheets



IND. CL. : 6A 194143

INT. CL. : F 04 B 39/12,53/16  
F 01 N 7/18,1/22

TITLE : A METHOD OF MOUNTING A PLASTIC SUCTION MUFFLER  
DIRECTY IN A CYLINDER HEAD OF A HERMETIC  
COMPRESSOR.

APPLICANT : KIRLOSKAR COPELAND LTD.,  
& INVENTORS 1202/1, GHOLE ROAD,  
PUNE - 411 005.  
MAHARASHTRA, INDIA.  
AN INDIAN COMPANY.

INTERNATIONAL :  
APPLICATION NO

INDIAN  
APPLICATION NO. : 338/MUM/ 2000 DATED 11/04/2000.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS  
RULES 1972), PATENT OFFICE BRANCH, MUMBAI - 13.

### 03 CLAIMS

A method of mounting a plastic suction muffler directly in a cylinder head of a hermetic compressor comprising the steps of :

- [i] forming a projection on the muffler tube;
- [ii] forming a slot on the cylinder head complementary to the projection formed on the muffler tube; and
- [iii] mounting the muffler in the cylinder head by press fitting the projection on the muffler tube into the slot in the cylinder head.

Comp.specn.: 07 pages Drawings 03 sheets

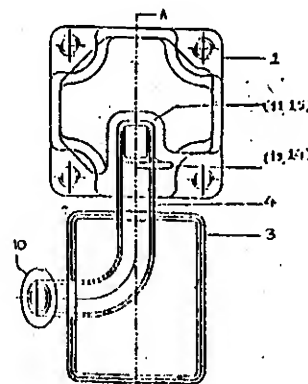


FIGURE 1

IND. CL. : 35 B XXV (2). 194144

INT. CL. : G 01 N 003/00

TITLE : AN APPARATUS FOR GRINDING CIRCUIT CONTROL OF A CEMENT PLANT.

APPLICANT : TATA CONSULTANCY SERVICES,  
(A DIVISIONAL OF TATA SONS LTD.)  
AN INDIAN COMPANY OF BOMBAY HOUSE,  
SIR HOMI MODY STREET,  
MUMBAI : 400 023, MAHARASHTRA, INDIA.

INVENTORS : 1. RAVI GOPINATH  
2. SISTU PHANI BHUSHAN  
3. ANIRUDDHA SATHE

INTERNATIONAL : ---  
APPLICATION NO.

INDIAN : 131/BOM/1999 DATED 25/02/1999  
APPLICATION NO.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS  
RULES 1972), PATENT OFFICE BRANCH, MUMBAI - 13.

### 02 CLAIMS

- 1) An apparatus for grinding circuit control of a cement plant, whose elements such as, a ball mill, vertical roller mill or roller press (GM), hoppers/feed bins, feed conveyor, fan, bucket elevator, a classifier, a mill draft line, cyclone separator, a mill motor and dampers have a set of predetermined controlled variables, such as, coarse material quantity, fine dust quantity, mill accumulation, mill motor power, bucket elevator power and fine material quantity and manipulated variables, such as, separator speed, damper control and total feed quantity, comprising: a supervisory control computer with a data acquisition software interface [SuC], a graphical supervisory control interface [SCI] for inputting set points and constraints for the controlled and manipulated variables into the [SuC], a Model Predictive Control software module [MPC] which can receive computed measurement signals of desired operating conditions for the elements of the grinding circuit from the supervisory control computer, said model predictive control software module having multivariable state space models for the operative configuration of the elements of the grinding circuit and is adapted to determine the variation required in the manipulated variables to form controlled variables and further adapted to receive feedback signals of the controlled variables from the [SuC] and the data acquisition interface; a process control inference [PCI] software module which uses operating process data from the said elements in the grinding circuit to estimate circuit product fineness as feedback for control computations in the module predictive control software module [MPC] to maintain ground cement product fineness within predetermined limits; a postprocessor rule based override software module [RBO] populated with a set of rules based on operator actions and adapted to receive control signals from the module predictive control software module [MPC] and from the process control inference software module [PCI] having comparator for comparing signals received from the [MPC] and/of the [PCI] to generate operative or corrective signals and transmitting the operative or corrective signals to the [SuC] for conversion to control instructions and a distributed control systems [DCS]/programmable logic controller [PLC] for receiving control instructions to operate or correct simultaneously all, or any of the said elements of the grinding circuit.

Complete Specification : 22 Pages

Drawings : 10 Sheets

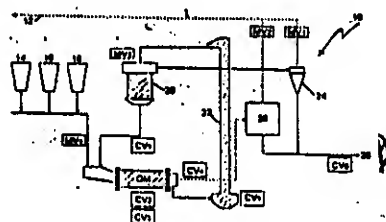


FIGURE 1

IND. CL. : 29 D 194145<sup>5</sup>

INT. CL. : G 06 K 5/00

TITLE : TRANSACTION APPARATUS

APPLICANT : DIEBOLD INCORPORATED  
5995 MAYFAIR ROAD,  
NORTH CANTON, OHIO 44720,  
UNITED STATES OF AMERICA

INVENTOR : 1) NATARAJAN RAMACHANDRAN

INTERNATIONAL APPLICATION NO : PCT/US99/05839 DATED 17/03/1999

INDIAN APPLICATION NO. : IN/PCT/2000/00022/MUM DATED 17/04/2000

PRIORITY NO. : a) 60/082,299 DATED 17/04/1998 OF U. S. A.  
b) 09/076,051 DATED 11/05/1998 OF U. S. A.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,  
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

### 22 CLAIMS

1) Apparatus for carrying out financial transactions comprising:  
a card (10) having a programmable memory (18) and a magnetic strip (16) supported thereon,  
wherein the memory has account data corresponding to a plurality of accounts;  
a portable terminal (14) releasably engageable with the card (10), the terminal (14) having a  
memory reading device operative to read the account data from the memory, the portable  
terminal further having an input device (24, 26, 28, 30) operative to select data from the memory  
corresponding to one of the plurality of accounts, and a magnetic writing device operative to  
write indicia corresponding to the selected account data on the magnetic stripe of the card.

COMPLETE SPECIFICATION : 48 PAGES

DRAWINGS: 19 SHEETS

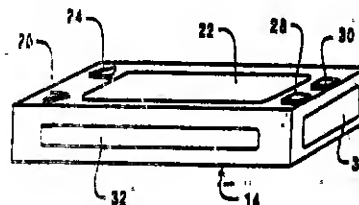
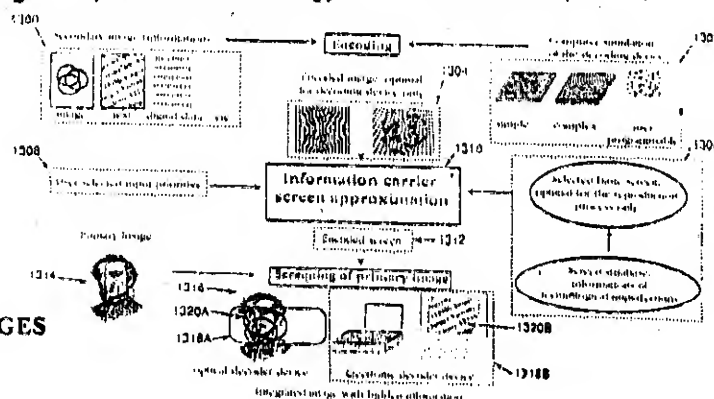


FIG. 2

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCHII, MUMBAI - 13.**

- (a) providing a user selected basic screen;
- (b) merging the secondary information and the user selected basic screen based on a user selected encoding principle to create an encoded screen;
- (c) compensating the encoded screen to
  - i) compensate for any distortions in the encoded screen created in the merging step (b), and
  - ii) generate a compensated screen containing the secondary information hidden within the compensated screen,
- (d) screening the primary image with the compensated screen to produce a combined output image in accordance with a reproduction technology corresponding to the user selected encoding principle, and
- (e) reproducing the document using the reproduction technology, the document incorporating the combined output image.



**COMPLETE SPECIFICATION : 35 PAGES**  
**DRAWINGS: 19 SHEETS**

IND. CL. : 125 B/2

INT. CL. : G 01 N 1/20

TITLE : AN APPARATUS FOR AND A METHOD OF SAMPLING  
MATERIAL ON - LINE IN A PROCESS SYSTEM.

APPLICANT : ASTRAZENECA AB, OF S - 151 85  
SODERTALJE,  
SWEDEN.

INVENTOR 1. MARTIN ANDERSSON  
2. INGELA BJORN NIKLASSON  
3. STAFFAN FOLESTAD

INTERNATIONAL APPLICATION NO : PCT/SE 98/02451 DATED 23.12.1998

INDIAN APPLICATION NO. : IN/PCT/2000/00104/MUM DATED 19.06.2000.

PRIORITY NO. : 9704873-0 DATED 23.12.1997 OF SWEDEN

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,  
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

**27 CLAIMS**

An apparatus for sampling material on-line in a process system comprising :

a sample collector (1) comprising an open-topped chamber having an arcuate wall member for receiving a sample of material in a process vessel (7) of the process system, and a front wall member that is tapered upwardly and outwardly;

a measuring device (3) for taking measurements from a collected sample including a measurement probe (11) which extends into the process vessel (7); and

sample displacing means for displacing the collected sample from the sample collector (1) so that the sample collector (4) can receive a new sample of material.

Comp.specn.: 16 pages

Drawings - 3- sheet

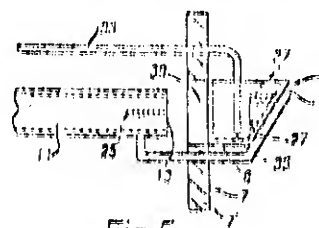


Fig. 5

IND. CL. : 104 J 194148  
INT. CL. : B 32 B 27/08, C 08 J 5/18.  
TITLE : A FILM FOR WRAPPING AN OBJECT AND A PROCESS  
FOR MANUFACTURING THE SAME.  
APPLICANT : SOPLARIL S.A., A FRENCH COMPANY  
4-8, COURS MICHELET,  
F - 92800, PUTEAUX, FRANCE,

INVENTOR : DANIEL MEILHON.  
INTERNATIONAL APPLICATION NO : PCT/FR99/00086 DATED 18.01.1999  
INDIAN APPLICATION NO : IN/PCT/2000/00194/MUM DATED 18.07.2000

PRIORITY : 98/00983 DATED 29.01.1998 OF FRANCE.

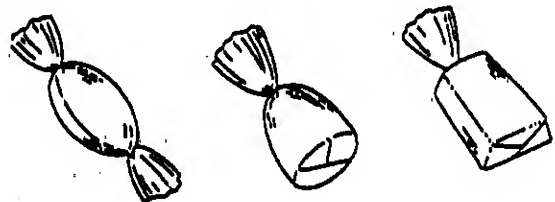
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,  
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

### 20 CLAIMS

Film comprising at least one layer comprising at least one polyester which can be obtained from the condensation of terephthalic acid with ethylene glycol and a diol comprising at least three carbon atoms, the said film being essentially monolayer or multiplayer and comprising at least one layer of polyolefin, preferably at least three layers comprising two external layers being polyester layers, one middle layer being polyolefin based, wherein said layers are drawn by extrusion or blow molding extrusion.

COMPLETE SPECIFICATION : 24 PAGES

DRAWINGS: 1 SHEET



IND. CL. : 128 G 194149

INT. CL. : A 61 B 19/00  
A 61 K 31/7052

TITLE : A PROCESS FOR THE PREPARATION OF DIAGNOSTIC KIT  
FOR DETECTION OF  $\beta$ -THALASSEMIA SYNDROMES.

APPLICANT : INSTITUTE OF IMMUNOHAEMATOLOGY,  
13<sup>th</sup> FLOOR, NEW MULTI STORIED BLDG,  
K.E.M. HOSPITAL CAMPUS, PAREL,  
MUMBAI – 400 012.  
MAHARASHTRA, INDIA.

INVENTORS : 1. ROSHAN BEHRAM COLAH  
2. AJIT CHANDRABHAN GORAKSHAKAR  
3. DIPIKA MOHANTY.

INTERNATIONAL : ---  
APPLICATION NO.

INDIAN : 1183/MUM/2001 DATED 14/12/2001  
APPLICATION NO.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS  
RULES 1972), PATENT OFFICE BRANCH, MUMBAI - 13.

### 11 CLAIMS

A process for preparation of a diagnostic kit for detection of  $\beta$ -thalassemia syndromes using a single PCR mastermix and oligoprobe blotted membranes capable of detecting all 6 common Indian  $\beta$ -Thalassemia mutations and 2 common abnormal hemoglobins in a single amplification and hybridization step the process involving

- i) Preparation of oligoprobe blotted membranes on commercially available unblotted membranes such as Biodyne C transfer membrane according to the pattern in Fig 1 of the drawing accompanying this specification where the mutant oligoprobe for codon 30 (G-C) mutation is designed by us and the hybridization protocol optimized in such a way as to detect all 8 mutations simultaneously, wherein the said membrane is soaked successively three times with 0.1N HCl for 2-3 min. each, rinsing with distilled water for three times, equilibrating the rinsed membrane with 10% solution of 1-ethyl-3-(3-dimethyl amino propyl) carbodiimide (EDAC) in distilled water for 15 minutes under continuous agitation, rinsing equilibrated membrane with distilled water and drying at room temperature to obtain dry membranes, blotting the dried membrane with 10 pmols of each probe (normal and mutant) diluted in 0.5 moles/it of Sodium Bicarbonate buffer (pH 8.4), drying the membrane for 15 minutes away from light, rinsing the membrane with 0.1N NaOH for 5 minutes and with distilled water, drying the membrane to obtain oligoprobe blotted membranes;
- j) Preparation of a PCR mastermix where only 2 primers China-1 and PCO-6 are used to amplify a large fragment of the  $\beta$  globin gene covering all 8 common Indian mutations, the PCR mastermix also containing a deoxy nucleotide triphosphate mixture (dNTP mix), PCR buffer and  $MgCl_2$  solution, the concentrations of which are optimized to give consistently good amplification over a period of 6 months;
- k) Taq polymerase;
- l) Stock solutions designated as 20X SSC consisting of mixtures of solutions of NaCl, and trisodium citrate;
- m) Sodium dodecyl Sulphate (10%) stock solution in distilled water for hybridization and washing;
- n) buffer solutions of pH (7.4) and pH(9.4);
- o) a blocking agent for nucleic acid hybridization and detection consisting of streptavidin-alkaline phosphate (streptavidin – AP) conjugate and
- p) colour developing agents.

IND. CL. : 76 E 194150  
INT. CL. : B 65 D - 55 / 02  
TITLE : NEW TAMPER PROOF LABEL  
APPLICANT : THE PAPER PRODUCTS LTD., OF L.B. SHASTRI MARG,  
MAJIWADE, THANE 400 601, MAHARASHTRA, INDIA.  
AN INDIAN COMPANY.  
INVENTORS : (1) SURESH GUPTA  
(2) HONEY VAZIRANI  
(3) GAGAN MALHOTRA  
(4) CHITRADURGA NARASHIMHA MURTHY  
INTERNATIONAL : ---  
APPLICATION NO.  
INDIAN : 931 MUM 2000 DATED 17.10.2000  
APPLICATION NO. Complete after provisional specification filed on 26.04.2001

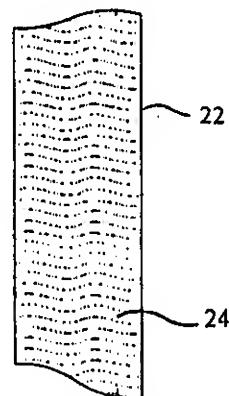
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,  
PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI - 13.

### 10 CLAIMS

A composite label to be applied to packages or containers comprising  
a first flat planar flexible sheet element having a body defined by a front surface  
on which matter to be conveyed to an end user can be applied and a rear surface which  
is capable of being fixed to a package or container, said body having at least one  
segment which is see through to form a window,

and a second flat planar flexible sheet element having a feature printed or  
otherwise applied thereon securely applied to the rear surface of the first element such  
the feature on the second element is viewable but not accessible through the at least one  
window in the first element.

Prov.specn. : 6 pages    Drawing: 3 sheets  
Comp.specn. 11pages    Drawings: 3 sheets





Int. Cl <sup>7</sup>	:	B29C 53/02 F25D 23/02	194151
Ind. Cl	:	136F	
Title	:	A METHOD FOR CONSTRUCTIONG A DOOR FOR A HOUSEHOLD ELECTRIC APPLIANCE, IN PARTICULAR A REFRIGERATOR, AND A DOOR CONSTRUCTED THEREBY	
Applicant	:	WHIRLPOOL CORPORATION OF 2000 M 63 BENTON HARBOR MI 49022,USA	
Inventor	:	1. MARITAN MARCO. 2. SIGNA MARCO.	
Application no	:	920/cal/1999 FILED ON 24.11.1999	

(CONVENTION NO.MI98A002602 FILED ON 1.12.1998 IN ITALY.)

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES  
2003) PATENT OFFICE KOLKATA.*

**10 CLAIMS.**

A method for constructing a door (1) for a household electrical appliance, in a prticular a refrigerator, , said door being of plastic and comprising a shell or outer part (2) with which an inner door liner (3) is associated, at least said shell (2) being obtained by known forming methods such as vacuum-forming or pressing, characterised in that following the forming step the edge of said shell (2) is deformed and bent towards the interior (6) of this latter , said bending being implemented along the entire perimetral edge of said shell.

***Complete Specification : 10 pages.      Drawing :9 sheets***

Int. Cl <sup>7</sup>	:	E04B 2/18	194152
Ind. Cl	:	25A/27(0)	
Title	:	A HOLLOW BRICK/BLOCK AND SYSTEM OF WALL/BUILDING AND LIKE CONSTRUCTION WITH THERMALLY COMFORTABLE INTERIOR	
Applicant	:	1. ROY SUNANDA OF 18 BAIDYA PARA MAIN ROAD PO. HALI SAHAR, DIST., NORTH 24 PARGANA, WEST BENGAL, INDIA 2. ROY MANIKA OF 37A BIPLABI B N CHATTERJEE SARANI, PO – UTTARPARA, DIST – HOOGHLY, WEST BENGAL, INDIA	
Inventor	:	1. ROY SUNANDA 2. ROY MANIKA	
Application no	:	704/CAL/1999	

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.*

### 38 CLAIMS.

*A* hollow brick/block for building and like construction comprising :

An integral shaped body portion of desired thickness provided with a hollow through portion within a peripheral surrounding wall of desired dimensions wherein said shaped body portion is obtained in the form of any conventional geometric shape and configuration preferably having at least one groove portion/u-cut and/or protruding part on any one or more of the side faces such that the height of the said at least one protruding part and its matching groove is less than the full height of the side of the brick/block.

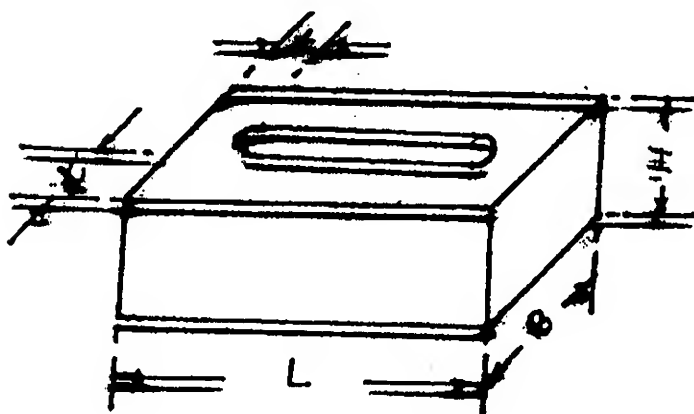
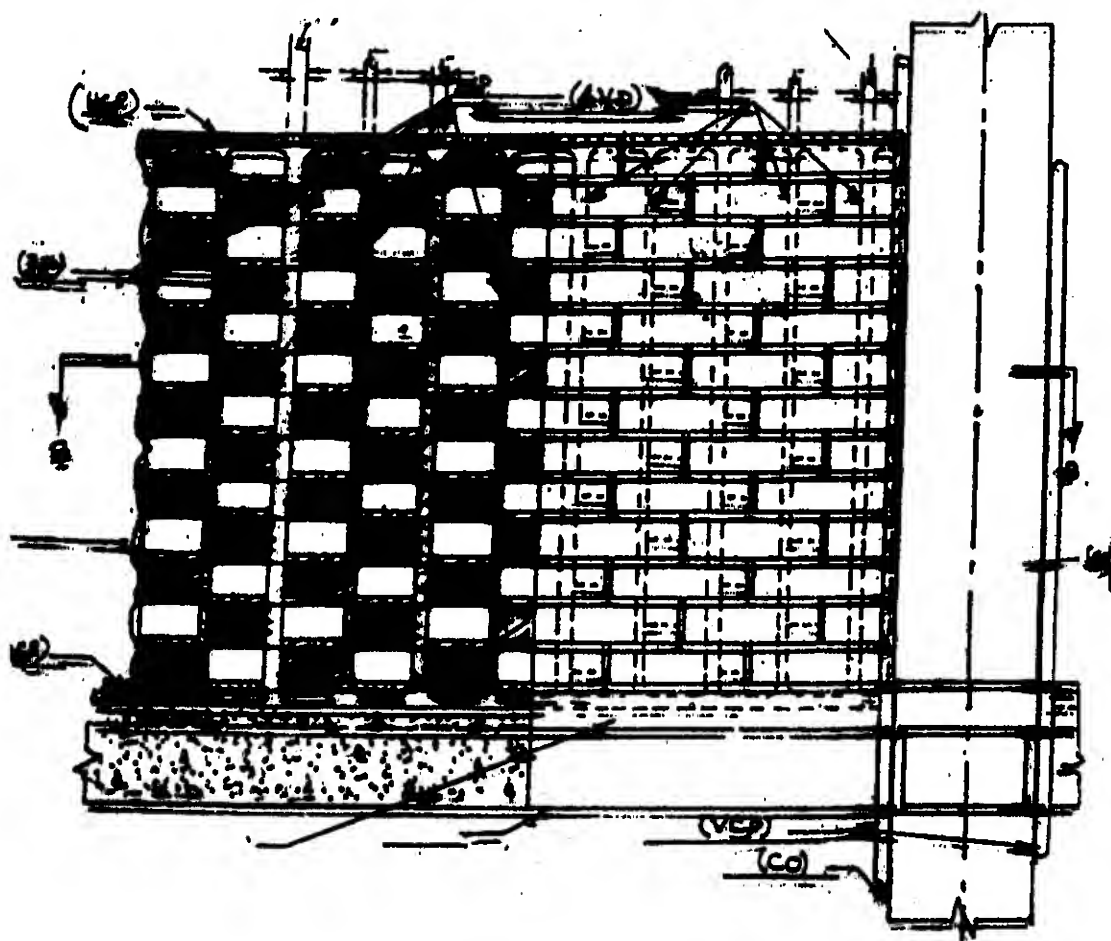


FIG 3A



**Complete Specification : 28 pages.**

**Drawing : 8 sheets**

Int. Cl<sup>7</sup> : H04N 7/73 G05F 9/46  
 Ind. Cl : 206E  
 Title : RECEIVER/DECODER FOR RECEIVING BROADCAST SIGNALS.  
 Applicant : CANAL + SOCIETE ANONYME OF 85/89 QUAI ANDRE CITROEN, 75711, PARIS, CEDEX 15, FRANCE  
 Inventor : 1. CLAUDE JEAN SARFATI.  
 2. JEROME MERIC.  
 3. CHRISTOPHER DECLERCK  
 Application no 727/CAL/1997 FILED ON 25.4.1997  
 APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

194153

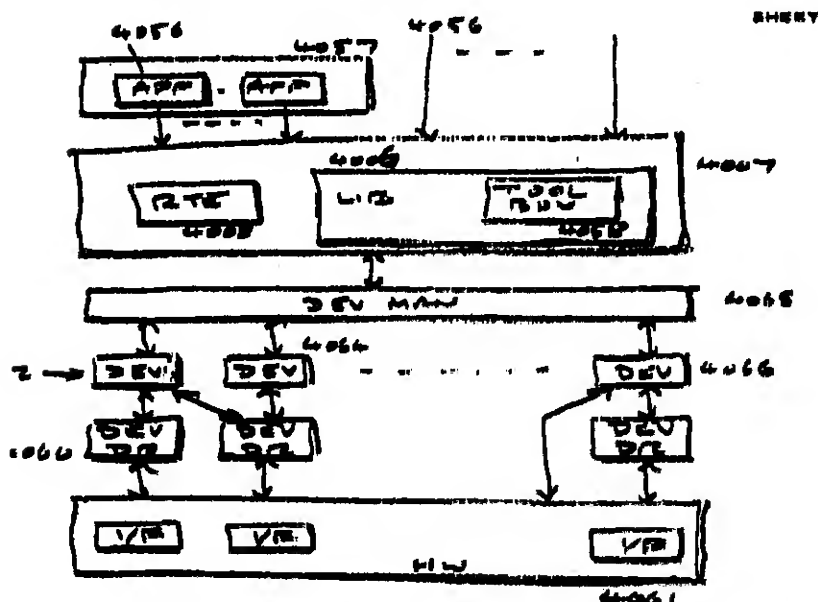
**12 CLAIMS.**

A receiver/decoder (2020) for receiving broadcast signals, said receiver/decoder comprising:

means (4068) for receiving signals from a plurality of ports and providing data to said ports;

at least one application (4056) for controlling a function of the receiver/decoder in accordance with the received signals; and

a virtual machine (4007) for processing data received from the receiving means (4068) and returning data thereto, wherein said virtual machine comprises an interpreter for interpreting said at least one application and executing said at least one interpreted application in accordance with the data received from said receiving means to control said function of the receiver/decoder.



Complete Specification : 23 pages.

Drawing : 6 sheets

Int. Cl<sup>7</sup> : C07C 51/43 C07C 63/26

Ind. Cl : 32, 80

Title : AN IMPROVED PROCESS FOR PRODUCING A PURIFIED AROMATIC CARBOXYLIC ACIDS AND APPARATUS THEREFOR

Applicant : E.I DU PONT DE NEMOURS AND COMPANY OF STATE OF DELWARE, USA

Inventor : 1. MARK ANHONY BRISTOW.  
2. RICHARD PAUL DEAN

Application no 613/cal/1998 FILED ON 13/04/1998  
(CONVENTION NO. 970/7274.8 and 9719123.3 FILED ON 10.4.1997 and 10.9.1997 IN UK)

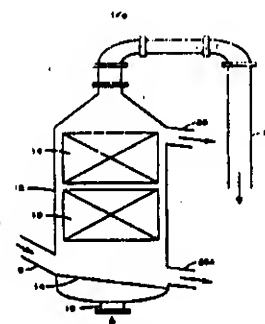
194154

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.*

### **10 CLAIMS.**

An improved process for producing a purified aromatic carboxylic acid which comprises:

- (i) producing a crude aromatic carboxylic acid by liquid phase oxidation of a precursor of the said aromatic carboxylic acid in an aliphatic carboxylic acid solvent;
- (ii) recovering in a known manner the crude aromatic carboxylic acid oxidation product, and dissolving said oxidation product in water;
- (iii) purifying in a known manner the dissolved oxidation product, and recovering the purified product from the aqueous solution in the form of crystals;
- (iv) drying the purified crystals at an elevated temperature in the range of from 100°C upto 180°C; and
- (v) transferring in a known manner the dried crystals to a silo for storage, characterized in that it comprises the steps of cooling the purified acid crystals in a fluidized state to a temperature below 100°C prior to, while or after transferring said purified crystals to said silo.



***Complete Specification : 23 pages.***

***Drawing : 3 sheets***

Int. Cl<sup>7</sup> : H04J - 3/06, H04L - 12/56 194155

Ind. Cl : 206 E

Title : PER-SESSION PRE-SYNCHRONIZED FRAMING APPARATUS  
FOR REAL TIME SERVICES IN ATM NETWORKS.

Applicant : DAEWOO ELECTRONICS CORPORATION OF 686 AHYEON  
DONG, MAPO-GU, SEOUL, KOREA.

Inventor : DEONG-NYOUN KIM

Application no : 2029/cal/1997 FILED ON 28.10.1997  
(CONVENTION NO.96-49622, 96 60083 and 96-60084 FILED ON 29.10.1996, 29.10.96  
AND 29.11.1996 RESPECTIVELY.)

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES  
2003) PATENT OFFICE KOLKATA.*

### 2CLAIMS.

A per-session pre-synchronized framing apparatus for real-time services in  
ATM networks comprising:

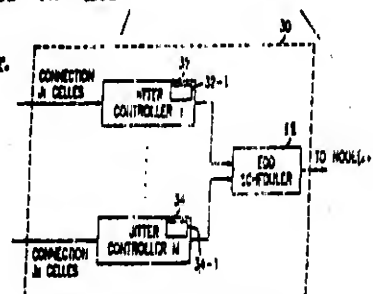
jitter controllers (32) and (34) for detecting propagation delays and  
corresponding mismatch delays between neighboring node pairs, delay bounds  
at each of the nodes, and a frame size of the connection, wherein each  
neighboring node pair includes an upstream node positioned toward the source  
node and a downstream node positioned toward the destination node and the  
corresponding mismatch delay results from the mismatch in time slot  
boundaries between an upstream node and a downstream node;

frame counters (32-1) and (34-1) synchronized and activated based on the  
propagation delays and the corresponding mismatch delays between the  
neighboring node pairs, the delay bounds at each of the nodes, and the frame size  
of the connection, each frame counter being located at a corresponding node; and

scheduler (36) for servicing the cell from the source node to the  
destination node based on the value of the corresponding frame counter.

Complete Specification : 25 pages.

Drawing : 8 sheets



Int. Cl<sup>7</sup> : A47J 31/40 194156

Ind. Cl :  
Title : A METHOD AND APPARATUS FOR PREPARING A HOT BEVERAGE.

Applicant : FIANARA INTENATIONAL B.V OF RIVERS AETE BUILDING, AMSTELDIJK 166, NL-1079 LH AMSTERDAM, THE NETHERLAND

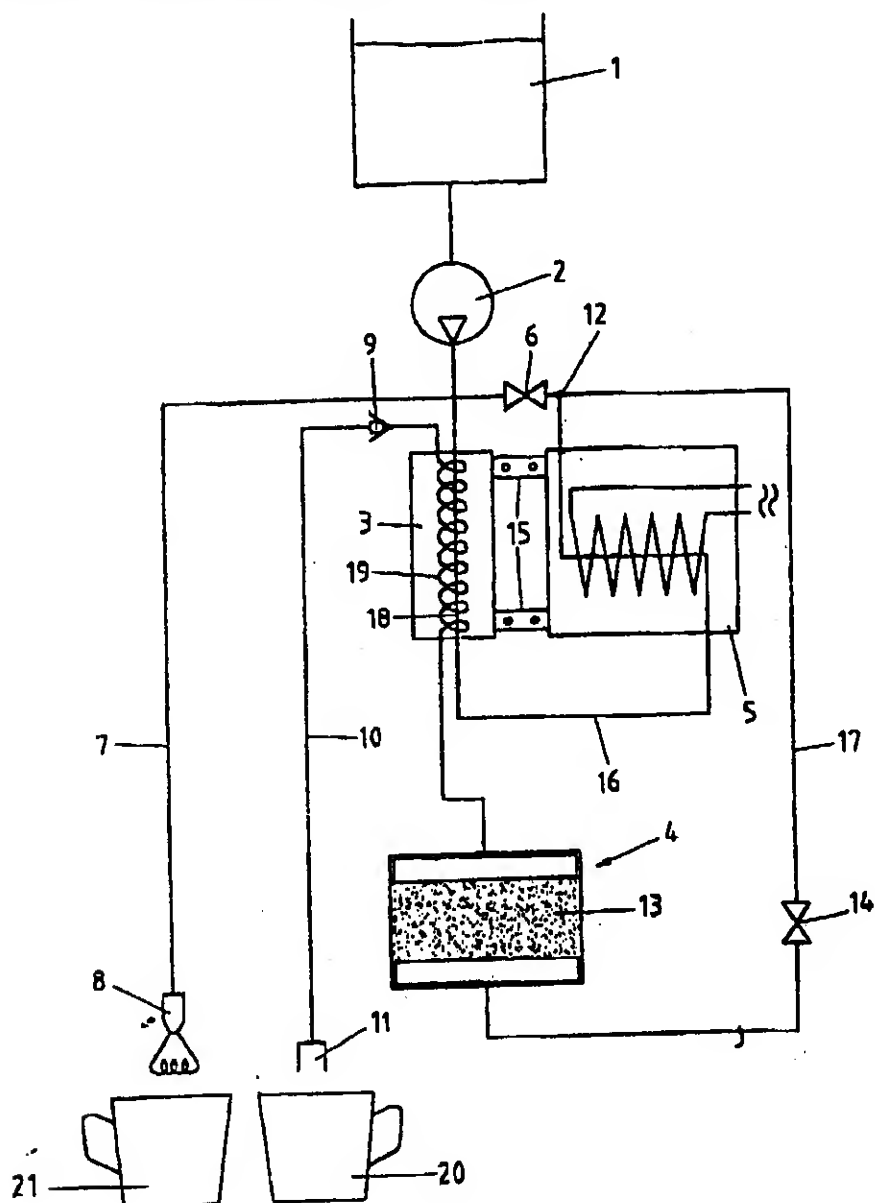
Inventor : 1. BITAR NOCOLA.  
2. TURI MARIANO

Application no 540/CAL/2002 FILED ON 16.09.2002  
(CONVENTION NO. 2001 1926/01 AND 2002 0689/02 FILED ON 09.10.2001 AND 23.04.2002 IN SWITZERLAND.)

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.*

**16 CLAIMS.**

A method for preparing a hot beverage, particularly of espresso coffee, by brewing up a particulate substance such as herein described extractable by means of water, in which brewing water flows through a brewing chamber filled with the particulate substance to extract the particulate substance, wherein said brewing water is heated to a temperature above the normal boiling point of water while keeping said water in liquid state, characterized in that said heated water is fed under pressure through said particulate substance received in said brewing chamber at a temperature above the normal boiling point of water and in liquid state, thereby extracting said particulate substance to create a hot beverage, and the thereby prepared hot beverage is collected and cooled to a temperature below the normal boiling point of water, before it flows out of a beverage outlet.



Complete Specification : 13 pages.

Drawing : 1 sheets



Int. Cl<sup>7</sup> : B60C 11/04  
Ind. Cl : 205 K  
Title : A PNEUMATIC RADIAL TIRE FOR PASSENGER AND LIGHT TRUCK

194157

Applicant : BRIDGESTONE CORPORATION OF 10-1 KYOBASHI 1-CHOME CHUO-KU, TOKYO, JAPAN

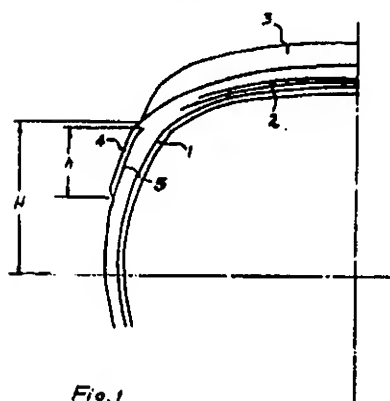
Inventor : JCHIRO HATTORKI

Application no 163/CAL/1998 FILED ON 02.02.1998  
(CONVENTION NO. 9-25,024 FILED ON 07.02.1997 IN JAPAN)

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.*

### 3 CLAIMS.

A pneumatic radial tire for passenger car and light truck comprising a carcass (1) of a radial cord structure extending between a pair of bead cores, a belt (2) superimposed outwardly over a crown portion of the carcass (1) in a radial direction; and a tread (3) disposed outwardly on the belt (2) in the radial direction, characterized in that a cut protector (4) is provided in a buttress portion so as to protrude outwardly therefrom in an axially rotating direction of the tire, a reinforcing cord layer (5) comprising a plurality of cords being interposed in an inside of side cut protector (4), and in that a modulus of elasticity of each of said cords of the reinforcing cord layer (5) is smaller than that of a cord in the carcass, and a width (h) of the cut protector (4) in a radial direction corresponds to 10-60% of a distance (H) measured from an end of the tread (3) to a maximum width of the tire in the radial direction.



*Complete Specification : pages.*

*Drawing : sheets*

Int. Cl<sup>7</sup> : H05G - 1/32

194158

Ind. Cl : 194 G

Title : METHOD FOR RECONSTRUCTING AN IMAGE OF AN OBJECT  
AND A SYSTEM FOR PRODUCING A BASE TOMOGRAPHIC

Applicant : GENERAL ELECTRIC COMPANY, OF 1 RIVER ROAD,  
SCHENECTADY 12345, NEW YORK, USA.

Inventor : JIANG HSIEH

Application no 1467/CAL/1997 FILED ON 07.08.1997  
(CONVENTION NO.08/729, 435 FILED ON 11.10.196 IN USA.)

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES  
2003) PATENT OFFICE KOLKATA.*

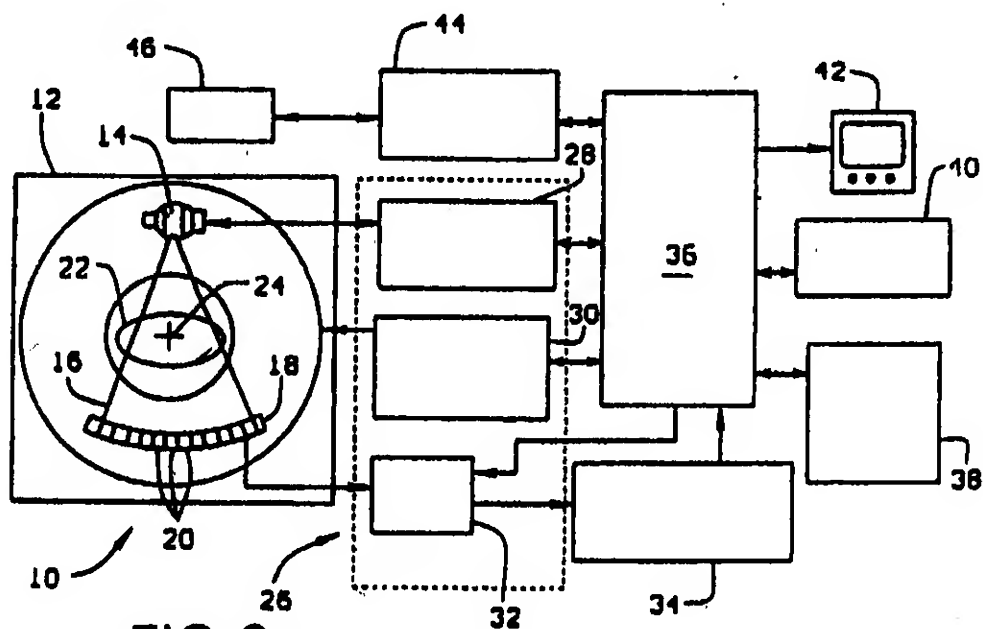
#### 6 CLAIMS.

A system for producing a base tomographic image and a subsequent tomographic image of an object using projection data acquired in a scan, said system comprising an x-ray source (14) and a detector array (18), said detector array comprising a plurality of detectors (20), said x-ray source projecting a beam of x-rays toward said detector array, said detector array collecting projection data, said system comprising means (36)

for applying an overscan weighting algorithm to the projection data to generate base image projection data;

for determining a subsequent image view angle; and

for applying an update weighting algorithm to the base image projection data, using the determined subsequent image view angle, to generate subsequent image projection data.

**FIG. 2**

*Complete Specification : 19 pages.*

*Drawing : 2 sheets*

Int. Cl<sup>7</sup> : G06F 19/45

Ind. Cl : 206 E

Title : AN INTERACTIVE COMPUTER ASSEMBLY FOR IMPLEMENTING MESSAGE DISPATCH FOR AN OBJECT-ORIENTED PROGRAM AND METHOD THEREFOR.

Applicant : SUN MICROSYSTEMS, INC OF 901, SAN ANTONIO ROAD, PALI ALTO, CALIFORNIA 94303, USA

Inventor : 1. LARS BAK  
2. UR HOLZIE

Application no 1763/CAL/1998 FILED ON 05.10.1998  
(CONVENTION NO. 08/944322 FILED ON 06.10.1997 IN USA.)

194159

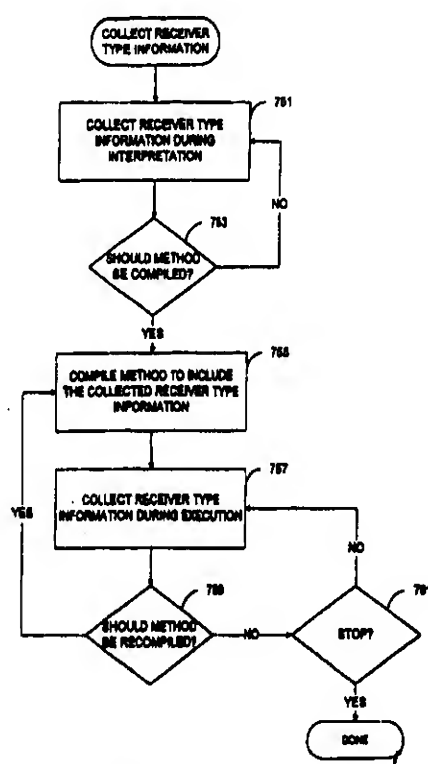
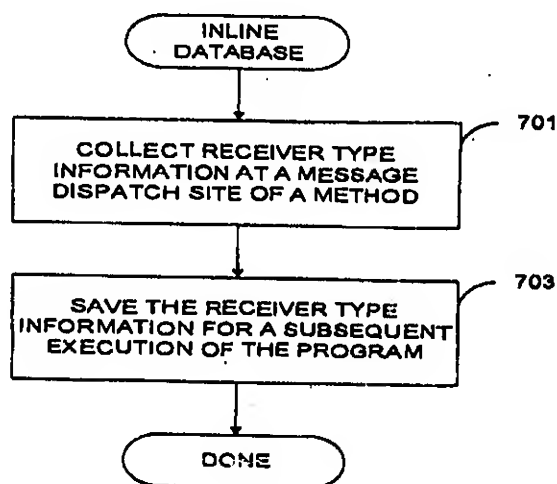
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

### 33 CLAIMS.

In an interactive computer assembly, a method of implementing message dispatch for an object-oriented program, comprising :

Collecting receiver type information at a site of a first method that dispatches messages to receiver objects; and

Saving the receiver type information for use by a subsequent execution of the program.



Int. Cl' : G11B - 7/-95 G11B -25/00

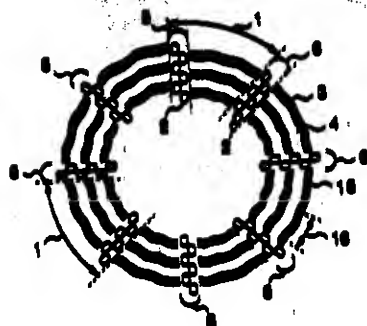
194160

Ind. Cl : 147 G

Title : AN INFORMATION RECORDING MEDIUM AND A METHOD  
FOR RECORDING OR REPRODUCING INFORMATIONApplicant : HITACHI LTD, OF 6 KANDA SURUGADAI 4-CHOME,  
CHIYODA-KU, TOKYO, JAPANInventor : 1. HARUKAZU MIYAMOTO.  
2. YOSHIO SUZUKI.  
3. MOTOYUKI SUZUKI.  
4. HISATAKA SUGIYAMA.  
5. HIROYUKI MINEMURA.  
6. TETSUYA FUSHIMI  
7. NOBUHIRO TOKUSHUKUApplication no 1332/CAL/1997 FILED ON 15.7.1997  
(CONVENTION NO.08-197297 AND 09-23480 FILED ON 26.7.1996 AND 06.02.1997 IN  
JAPAN RESPECTIVELY.)APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES  
2003) PATENT OFFICE KOLKATA.**18 CLAIMS.**

An information recording medium having a spiral or concentric shaped groove structure along tracks formed on a disk-like substrate characterized in that :

- each of the tracks is divided into a plurality of recording units; each of recording units comprises a blank portion in a circumferential direction of the groove structure, the blank portion being a non-groove portion;
- the groove structure is formed with a wobble in a fixed cycle in a radial direction, the fixed cycle of the wobble continuing in the circumferential direction along the track ; and
- each length of the recording unit is an integer multiple of the cycle of the wobble.



Complete Specification : 59 pages.

Drawing : 6 sheets

Int. Cl<sup>7</sup> : H05G - /32

194161

Ind. Cl : 194 D

Title : METHOD AND SYSTEM MODULATING X-RAY TUBE CURRENT

Applicant : GENERAL ELECTRIC COMPANY, OF 1 RIVER ROAD  
SCHENECTADY 12345, NEW YORK, USA

Inventor : HSIEH JINAG

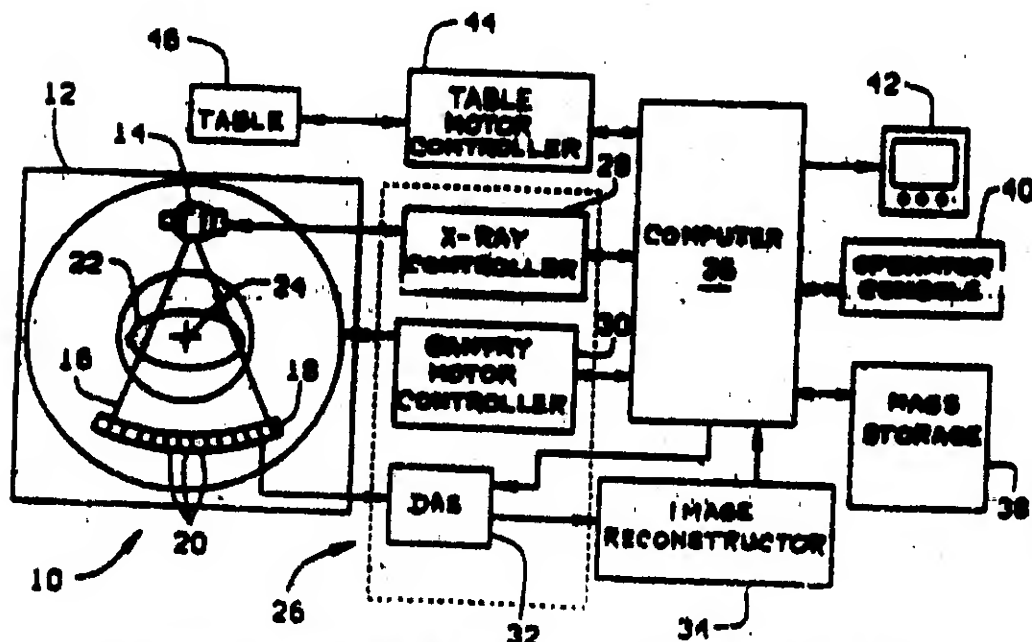
Application no 1324/CAL/1997 FILED ON 14.7.1997  
(CONVENTION NO. 08/706,613 FILED ON 05.09.1996 IN USA.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES  
2003) PATENT OFFICE KOLKATA.

### 14 CLAIMS.

A method for modulating x-ray tube current supplied to an x-ray source of an imaging system, the imaging system using attenuation data received by detector cells to reconstruct an image of an object scanned by the system, said method comprising the steps of:

- monitoring at least one x-ray tube flux parameter;
  - generating an x-ray tube current scaling factor based on the monitored x-ray tube flux parameter, said generated x-ray tube current scaling factors being:  $\omega_{xi}$  where:  $\omega_{xi}$  = the desired average photon reading;  $\omega_{sub.i}$  = an actual average photon reading;
  - $\epsilon$  = the desired minimum photon reading; and
  - $\eta_{sub.i}$  = an actual minimum photon reading; and
- modulating the x-ray tube current using the generated x-ray tube current scaling factor.



Complete Specification : 18 pages.

Drawing : 2 sheets

Int. Cl<sup>7</sup> : F22B 37/48

Ind. Cl : 176B

Title : A LANCE ASSEMBLY

Applicant : THE BABCOCK & WILCOX COMPANY OF 1450 POYDRAS STREET, NEW ORLEANS, LA 70112 USA

Inventor : 1. COLIN REID.  
2. DANA L JOUDREY

Application no 126/CAL/1999 FILED ON 18.2.1999  
(CONVENTION NO. 09/124,130 FILED ON 29.7.1998)

194162

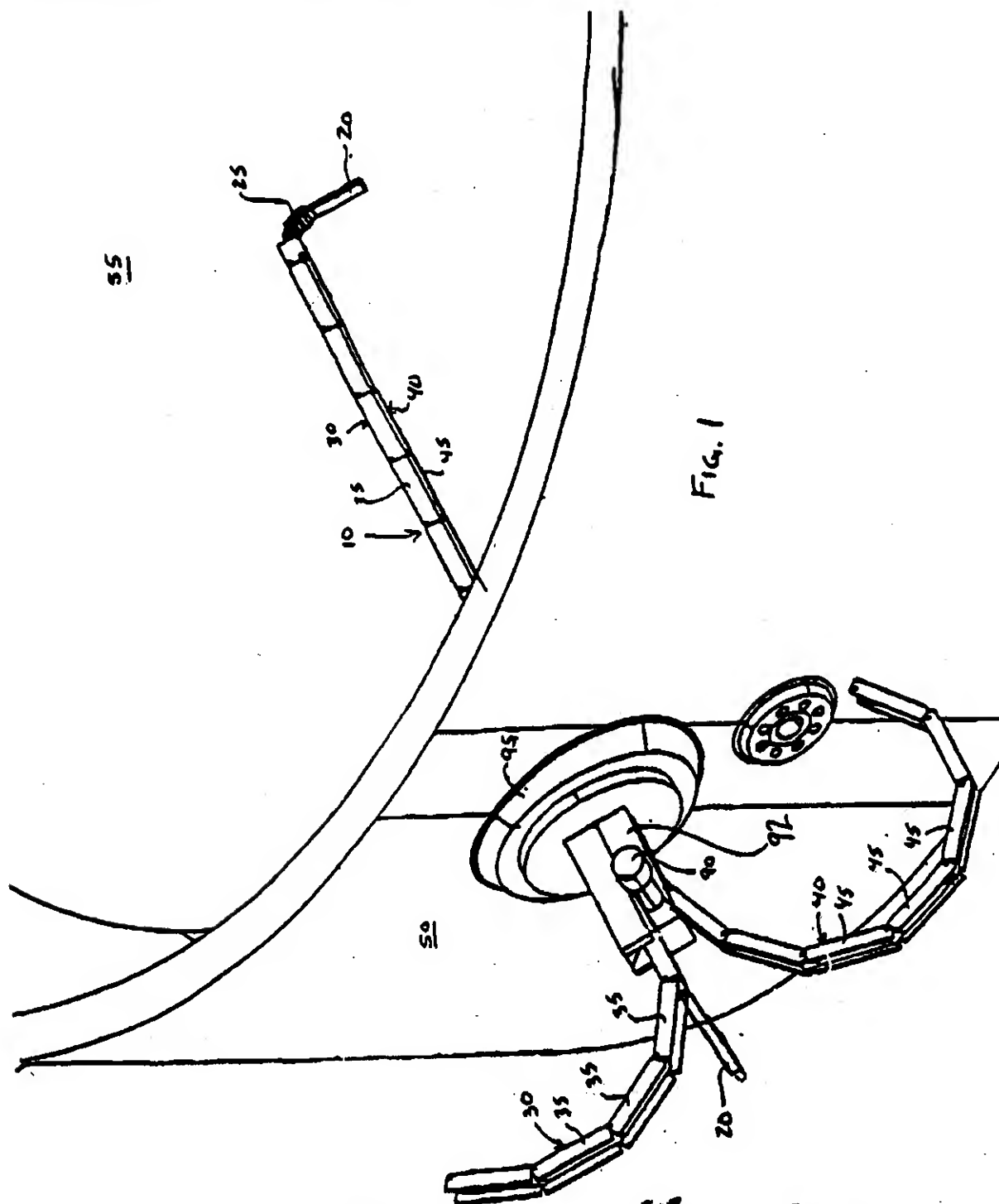
*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.*

**19 CLAIMS.**

A lance assembly for insertion into a steam generator chamber, the lance having a use position and a storage position and adapted for storage in less space in the storage position than in the use position, comprising:

an elongated lance having an end constructed to fit within a steam generator chamber and an exterior end outside the steam generator chamber, and

a lance support for rigidly supporting and guiding the lance within the steam generator chamber in the use position while allowing the lance to slidably move therein, said lance support having a portion connected to a guide head, said lance support being separable from the lance and collapsible when in the storage position, said lance support having a predetermined number of lance guide segments connected by hinges.



Complete Specification : 15 pages.

Drawing : 5 sheets



Int. Cl<sup>7</sup> : F25D 21/14

194163

Ind. Cl : 50 D

Title : AN AIR CONDITIONER WITH IMPROVED DIRECTION CONTROL EFFICIENCY

Applicant : MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD,  
OF 1006, OAZA KADOMA, KADOMA-SHI, OSÅKA 571  
JAPAN

Inventor : 1. TAI TSUJI  
2. MASA HARU EBIHARA

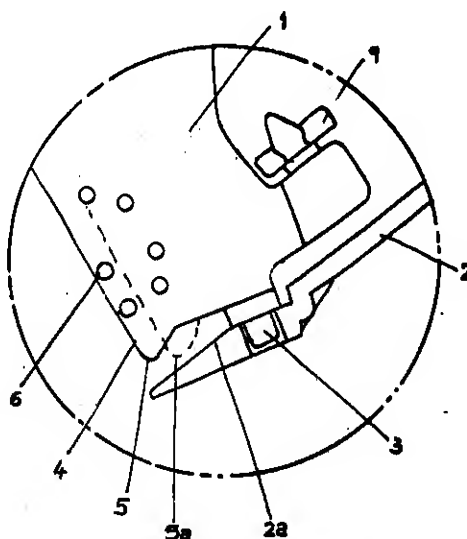
Application no 2052/CAL/1997 FILED ON 29.10.1997  
(CONVENTION NO. 8-307680 FILED ON 19.11.1996 IN JAPAN.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES  
2003) PATENT OFFICE KOLKATA.

### 8 CLAIMS.

**An air conditioner with improved direction control efficiency comprising:**

- a main body(15);
- air conditioning members (16) disposed in the main body(15) for achieving a function of supplying cool air;
- an outlet grille (2) located in a front side of the main body(15) for supplying the cool air from inside to outside; and
- a lateral flap(1) placed in an opening of the outlet grille (2) for changing the direction of air in the lateral direction,
- characterized in that a part of said lateral flap(1) is held by a mounting shaft(3), the lateral flap(1) being pivotally movable in a lateral direction about said mounting shaft(3) and in that a convex portion(5) is provided in a downwind end of the lateral flap(1) such that condensed water adhered to the lateral flap(1) is gathered at the convex portion(5), and flows along a wall of the outlet grille(2).



Complete Specification : pages.

Drawing : sheets

Int. Cl<sup>7</sup> : B22D -11/06 B28B - 3/12 194164

Ind. Cl :  
Title : REFRACTORY PLATE(S) FOR LATERAL CONTAINMENT OF  
MOLTEN METAL IN AN APPARATUS FOR THE CONTINUOUS  
CASTING OF THIN, FLAT METALLIC PRODUCTS AND  
PROCESS THEREOF

Applicant : ACCIAI SPECIALI TERNI SPA, OF V.LE B. BRIN 218, 05100,  
TERNI, ITALY AND  
VOEST-ALPINE INDUSTRIEANLAGENBAU GMBH OF  
TURMSTRASSE 44, A-4020, LINZ, AUSTRIA

Inventor : CENTRO SVILUPPO MATERIALI

Application no 1418/CAL/1997 FILED ON 30.07.1997  
(CONVENTION NO. RM96A000552 FILED ON 31.7.1996 IN ITALY.)

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES  
2003) PATENT OFFICE KOLKATA.*

**10CLAIMS.**

Refractory plate(s) for the lateral containment of molten metal in an apparatus for the continuous casting of thin, flat metallic products, said refractory plate(s) comprising:

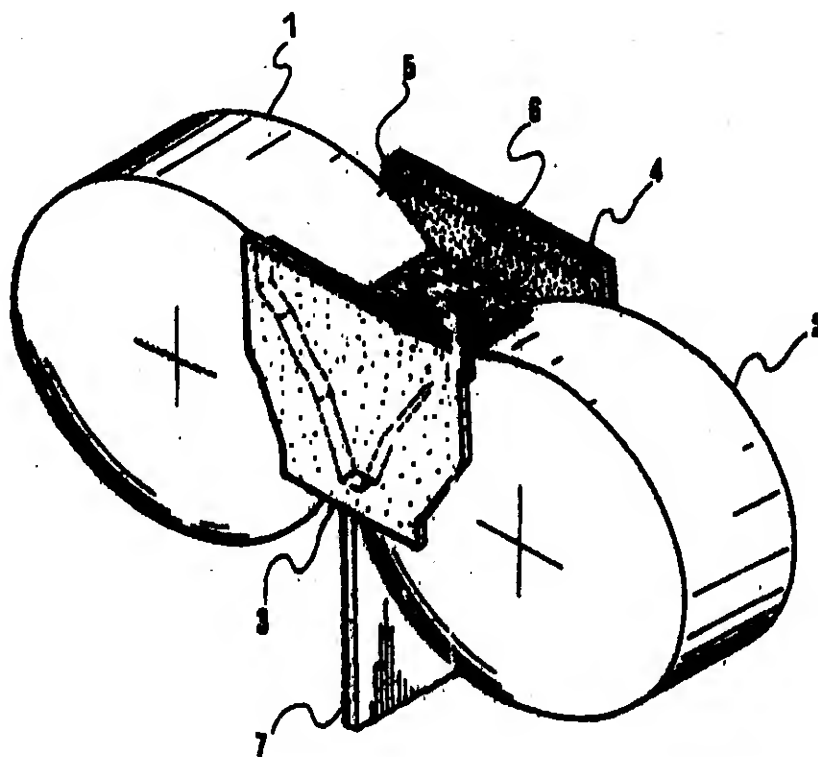
one or more insert(s) of ceramic material, such as herein described, having substantially triangular shape, wherein, externally to said insert(s) a first casting of a silica - alumina refractory material, such as herein described, containing ceramic fibres is provided;

internally to said insert(s) and being bound peripherally by said insert(s), a second casting of a silica-alumina refractory material having a high content of zirconia, such as herein described, is provided;

on the back of said insert(s) and said first casting and said second casting, there is provided a third casting of a SiC-based thixotropic material for supporting the said insert(s), said first casting and said second casting; and

plurality of joints of ceramic fibres material, such as herein described, are provided at the contacting surface (s) between said insert(s) and at least one of said first, second and third castings, for thermal expansion;

the arrangement being such that said second casting is disposed on said third casting such that said second casting is located at the central portion of the plate(s) defined by said insert(s).



**Complete Specification : 14 pages.**

**Drawing : 3 sheets**

Int. Cl<sup>7</sup> : G05F 1/53, 5/00

194065

Ind. Cl : 206 E

Title : ADAPTIVE APPARATUS FOR MEASURING VOLTAGE AND  
USING THE MEASUREMENTS FOR CONTROLLING VOLTAGE  
TAPCHANGING SWITCHES ON TRANSFORMERS AND  
REGULATORS IN AN ALTERNATING CURRENT (AC) POWER  
DISTRIBUTION SYSTEM

Applicant : ROBERT WALLACE BECKWITH, OF 2794, CAMDEN ROAD  
CLEARWATER, FLORIDA, 34619-1007, USA

Inventor : ROBERT WALLACE BECKWITH  
Application no 1923/CAL/1996 FILED ON 04.11.1996

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES  
2003) PATENT OFFICE KOLKATA.*

**19CLAIMS.**

Adaptive apparatus (62) for measuring voltages and using the measurements for controlling voltage tapchanging switches (164) on transformers (100) and regulators (150) in an alternating current (AC) power distribution system comprising in combination;

a) means for taking digital samples of said AC voltage and continuously processing said samples to obtain amplitudes of said AC voltages;

b) operating means for entering AC voltages as setpoints

and for establishing deadbands around said set points;

c) said operating means having means for determining

deviations of said voltage amplitudes inside and outside of said deadbands and for integrating linear and nonlinear functions of said deviations; and

d) output means for raising the position of tap switches (118) when said AC voltage amplitudes are below said deadbands and when said integration exceeds a threshold and

Int. Cl<sup>7</sup> : C08 K 003/00 C08K 003/36 194166

Ind. Cl : 104 39 K

Title : A PROCESS FOR PREPARING AN AMORPHOUS PRECIPITATED SILICA

Applicant : PPG INDUSTRIES OHIO INC, OF 143<sup>RD</sup> STREET, CLEVELAND, OHIO 44111, USA

Inventor : 1. HAROLD E. SWIFT  
2. THOMAS G. KRIVAK  
3. LAURENCE E. JONES

Application no 2276/CAL/1997 FILED ON 03.12.1997  
(CONVENTION NO. 08/769969 FILED ON 19.12.1996 IN USA)

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.*

### 12 CLAIMS.

**A process for preparing an amorphous precipitated silica having the following characteristics:**

- (a) a standard white area less than 0.8 percent when incorporated into rubber compositions which are cured;**
- (b) a BET surface area in the range of from 100 to 300 m<sup>2</sup>/g;**
- (c) a CTAB surface area in the range of from 85 to 275 m<sup>2</sup>/g;**
- (d) a Seara surface area in the range of from 200 to 400 m<sup>2</sup>/g; and**
- (e) a pore diameter at the maximum of the volume pore size distribution function of from 10 to 60 nm, said process comprising:**
  - (a) using distilled or deionized water to establish an additive aqueous alkali metal silicate solution containing from 10 to 30 weight percent SiO<sub>2</sub> and having an SiO<sub>2</sub>:M<sub>2</sub>O molar ratio of from 1.0 to 3.0, and using distilled or deionized water to establish an initial aqueous alkali metal silicate solution containing from 0.5 to 4.5 weight percent SiO<sub>2</sub> and having an SiO<sub>2</sub>:M<sub>2</sub>O molar ratio of from 1.0 to 3.0;**
  - (b) over a period of at least 10 minutes and with agitation, adding acid to the initial aqueous alkali metal silicate solution at a temperature below 65°C to neutralize at least 80 percent of the M<sub>2</sub>O present in the initial aqueous alkali metal solution and thereby to form a first reaction mixture;**
  - (c) over a period of from 30 to 180 minutes, with agitation, and at a temperature of from 85°C to 95°C, substantially simultaneously adding to the first reaction mixture: (1) additive aqueous alkali metal silicate solution, and (2) acid, thereby to form a second reaction mixture wherein the amount of the additive aqueous alkali metal silicate solution added is such that the amount of SiO<sub>2</sub> added is from 0.5 to 2.0 times the amount of SiO<sub>2</sub> present in the initial**

- aqueous alkali metal silicate solution established in step (e) and wherein the amount of the acid added is such that at least 60 percent of the  $M_2O$  contained in the additive aqueous alkali metal silicate solution added during the simultaneous addition is neutralized;
- (d) adding acid to the second reaction mixture with agitation at a temperature of from  $85^{\circ}\text{C}$  to  $95^{\circ}\text{C}$  to form a third reaction mixture having a pH below 9.3;
- (e) aging the third reaction mixture with agitation at a pH below 9.3 and at a temperature of from  $85^{\circ}\text{C}$  to  $95^{\circ}\text{C}$  for a period of from 0 to 120 minutes;
- (f) forming a fourth reaction mixture by adding to the aged third reaction mixture with agitation and at a temperature of from  $85^{\circ}\text{C}$  to  $95^{\circ}\text{C}$ , a further quantity of additive aqueous alkali metal silicate solution and adding acid as necessary to maintain the pH at from 7.5 to 9.2 during the addition of the further quantity of the additive aqueous alkali metal silicate solution, wherein the amount of the additive aqueous alkali metal silicate solution added in step (f) is such that the amount of  $\text{SiO}_2$  added in step (f) is from 0.05 to 0.30 times the amount of  $\text{SiO}_2$  present in the third reaction mixture;
- (g) aging the fourth reaction mixture with agitation at a temperature of from  $85^{\circ}\text{C}$  to  $95^{\circ}\text{C}$  for a period of from 5 to 60 minutes;
- (h) adding acid to the aged fourth reaction mixture with agitation at a temperature of from  $85^{\circ}\text{C}$  to  $95^{\circ}\text{C}$  to form a fifth reaction mixture having a pH below 7.0;
- (i) aging the fifth reaction mixture with agitation at a pH below 7.0 and at a temperature of from  $85^{\circ}\text{C}$  to  $95^{\circ}\text{C}$  for a period of at least 5 minutes;
- (j) separating precipitated silica from most of the liquid of the aged fifth reaction mixture;
- (k) washing the separated precipitated silica with dionized or distilled water; and
- (l) drying the washed precipitated silica, wherein the alkali metal silicate is lithium silicate, sodium silicate, potassium silicate, or a mixture thereof, and M is lithium, sodium, potassium, or mixture thereof.

*Complete Specification : 39 pages.*

*Drawing : NIL*

Int. Cl<sup>7</sup> : D21C 11/12, F23L 7/00, 9/00

194167

Ind. Cl : 23H

Title : A METHOD FOR BLACK LIQUOR GASIFICATION IN RECOVERY BOILERS.

Applicant : AGA AB OF 181 81 LIDINGO, SWEDEN

Inventor : 1. KENT K SANDQUIST.  
2. ANDERS KULLENDORFF.

Application no

(CONVENTION NO. 9703769-1 FILED ON 15.1.1997 IN SWEDEN)

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.*

### **12. CLAIMS.**

**A method for black liquor gasification in a recovery boiler comprising a lower furnace and an upper furnace, black liquor sprayers for introducing black liquor in the boiler above the lower furnace and a number of combustion air levels, comprising the steps of adding oxygen enriched air to the combustion air or directly into the lower furnace at at least one air level underneath the liquor sprayers to gasify the black liquor and reducing the volume of combustion air fed into lower furnace so as to have a substoichiometric condition and reduce upward gas velocity underneath the black liquor sprayers based on a constant supply of black liquor into the boiler, wherein the added oxygen and reduced volume of combustion air in the lower furnace substantially reduce the air factor in the lower furnace to a range of about 0.5-0.7 so as to substantially maintain a constant combustion temperature for emission control.**

***Complete Specification : 13 pages.***

***Drawing : 5 sheets***

Int. Cl<sup>7</sup> : H01R 4/24

Ind. Cl : 187 A

Title : PROCESS FOR MAKING A TERMINAL BLOCK FOR  
INTER CONNECTION OF TELEPHONE OR COMPUTER-  
RELATED LINES, AND TERMINAL BLOCK OBTAINED BY  
THIS PROCESS

Applicant : POUYET S.A. OF 6/8 RUE DU VIEUX , CHEMIN 94207, IVERY  
SUR SEINE, FRANCE

Inventor : JEAN-PIERRE LETAILLEUR

Application no : 2208/CAL/1997 FILED ON 24.11.1997  
(CONVENTION NO. 96160 76 FILED ON 20.12.1996 IN FRANCE)

194168

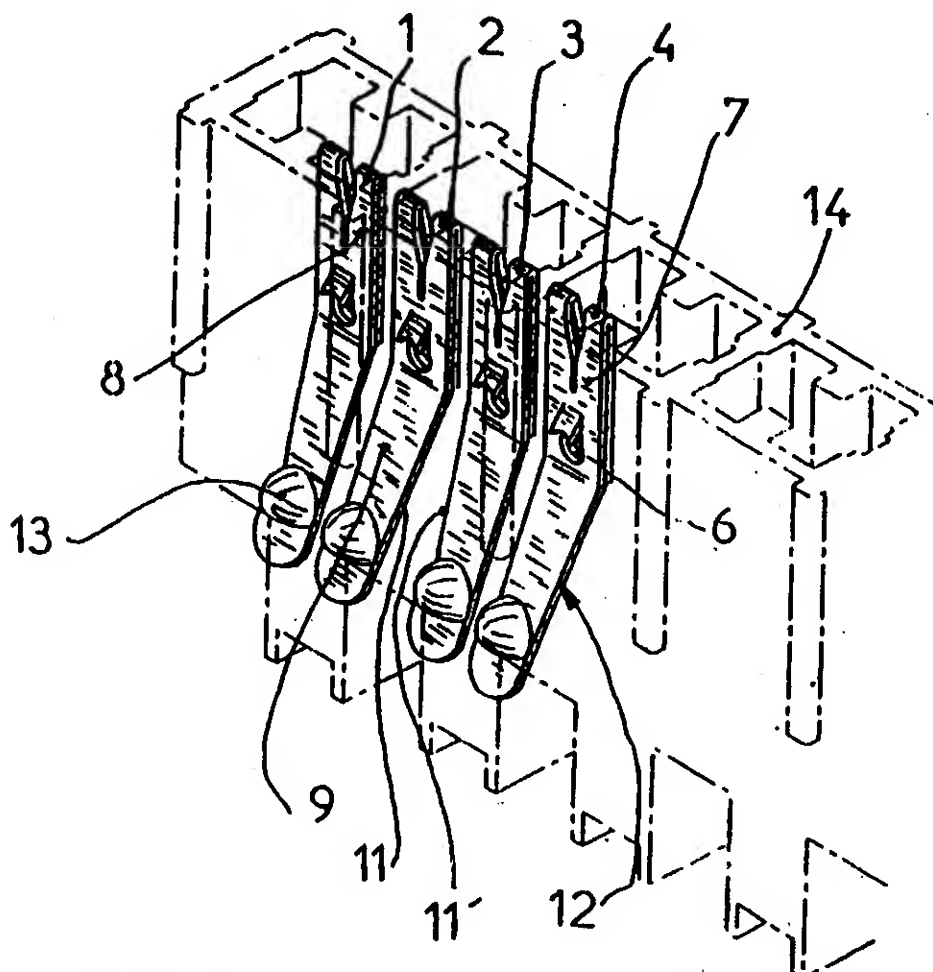
*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES  
2003) PATENT OFFICE KOLKATA.*

### 3 CLAIMS.

Process for producing an improved terminal block (14) for interconnection of telephone or computer related lines, this terminal block comprising at least two parallel rows (R1, R2) of conjugate, metal insulation-displacing contacts (5,5'), each of these insulation-displacing contacts having a principal part (7) which comprises the insulation-displacing slot (8) for connection, this principal part (7) continuing in an extension (9) which serves to connect this metal contact (5) to its conjugate metal contact (5') (i.e. the one placed opposite on the other row), the contacts, of the same Row (R1) being grouped in pairs (1,2 - 3,4) of adjacent contacts, each pair (1,2) receiving the two wires of the same two-wire line (telephone or computer-related), characterized in that

said extension (9) which is continuation of the said principal part (7) is bevelled (12) on the edge (11) which is adjacent to the immediately neighboring contact of the adjacent pair on the same row (R1), the width of the said principal part (7) remaining same and the distance between the said adjacent pairs (1,2 - 3,4) of contacts of the same row (R1) remaining unchanged, in mounting in this terminal block (14), thereby obtaining a rate of rejection of near-end crosstalk between the said two adjacent pairs (1,2 - 3,4) to 40 dB or more.





*Complete Specification : 12 pages.*

*Drawing : 3 sheets*

Int. Cl<sup>7</sup> : C07J 9/00 A61K 31/575

Ind. Cl : 55 E2

Title : A METHOD FOR PRODUCING STANOL/STEROL-ESTERS

Applicant : MCNEIL-PPC, INC OF GRANDVIEW ROAD, SKILLMAN,  
NJ 08558, USA

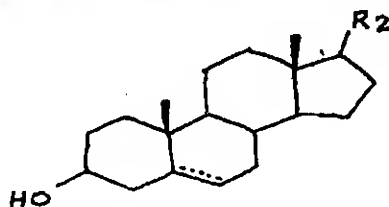
194169

Inventor : 1. RODEN ALLAN.  
2. WILLIAMS JAMES.  
3. DETRANO FRANK  
4. BOYER MARIE H  
5. HIGGINS JOHN D.  
6. BRUCE RUEY

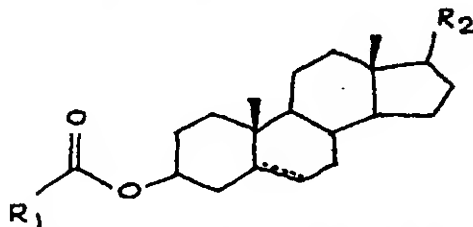
Application no 499/CAL/2001 FILED ON 03.09.2001  
(CONVENTION NO. 09/139460 AND 09.211978 AND 09/336773 FILED ON 25.8.1998,  
15.12.1998 AND 21.6.1999 IN USA RESPECTIVELY.)  
(DIVIDED OUT OF NO. 697/CAL/1999 ANTEDATED TO 09.08.1999)  
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES  
2003) PATENT OFFICE KOLKATA.

### 1 CLAIMS.

A method for producing stanol/sterol-esters comprising:  
reacting a stanol/sterol of the formula (II)



with an acid such as herein described at a temperature of 75 to about 225°C in the presence of a sufficient amount of Lewis acid catalyst to form the substantially discrete corresponding stanol/sterol ester of the formula



wherein R<sub>1</sub> is a carbon chain having a length of from about C<sub>3</sub>-C<sub>24</sub> and  
R<sub>2</sub> is a carbon chain having a length of from about C<sub>3</sub>-C<sub>15</sub>.

Dated this 3<sup>rd</sup> day of SEPTEMBER 2001.

Complete Specification : 20 pages.

Drawing : NIL

Int. Cl<sup>7</sup> : D06F 33/02 194170

Ind. Cl : 62

Title : DRUM TYPE WASHING MACHINE WITH A MULTIPART FLUID PIPELINE

Applicant : BOSCH-SIEMENS HAUSGERATE GMBH, OF HOCHSTR.17, D-81669 MUNCHEN, GERMANY

Inventor : 1. WOLFGANG PROPPE  
2. CHRISTIAN ENGEL  
3. ANDREAS STOLZE  
4. CARSTEN STELZER  
5. GUNDULA CZYZEWSKI

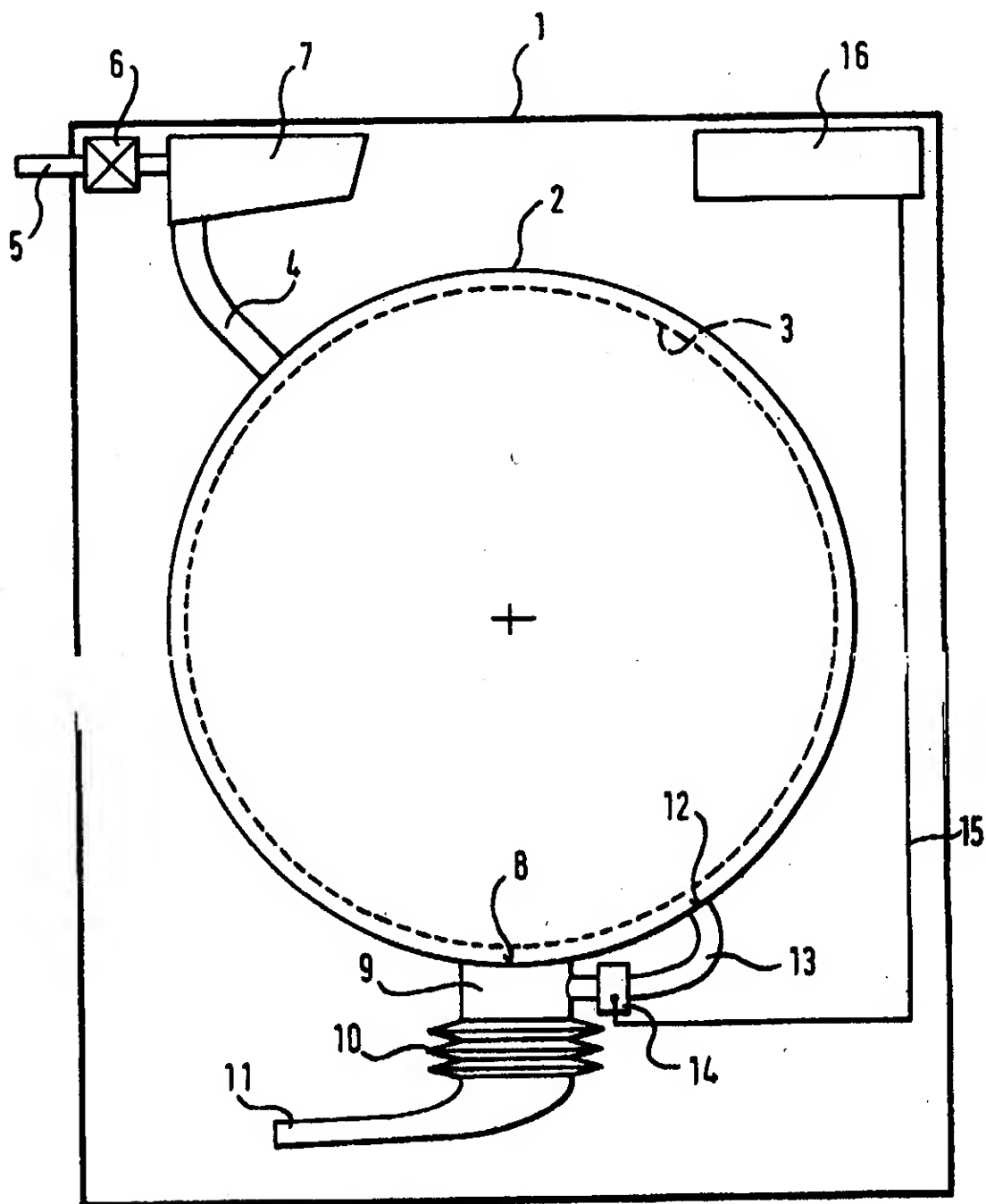
Application no 2392/CAL/1997 FILED ON 17.12.1997  
(CONVENTION NO P19652830.5 . FILED ON 18.12.1996 IN GERMANY.)

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.*

### **13 CLAIMS.**

**Drum type washing machine comprising a multi-part fluid pipe line guided between a drain hole (8) provided at the bottom of an washing liquid container (2) and an opening (12) formed at a higher level than said drain hole (8); a pipeline section (13) exclusively serving the purpose of maintaining the washing liquid in the washing liquid container (2) in circulation between the opening (12) and the drain hole (8) said pipeline section (13) comprising a solid pipe section (24) with a transparent region (25); a sensor (14) incorporated at the wall of said solid pipe section (24) respond to the turbidity of alkali, said sensor (14) comprising optical transmitter (19) and an optical receiver (20).**

**Characterized in that**  
**the pipeline section (13) is connected on one side to an upper portion (9) of a drain pipe ( 9 to 11) connected to the drain hole (8), and on the other side to the opening (12) disposed at said higher level on the washing liquid container (2) and in that the sensor (14) is provided into a housing (17, 18, 29) having a plurality of fork-shaped protrusions surrounding the pipe section (24) being adapted to the exterior shape of the pipe section (24) at the contact faces of the transparent region (25).**



*Complete Specification : 9 pages.*

*Drawing : 3 sheets*

**OPPOSITION PROCEEDINGS (U/S. 25)**

An opposition entered by M/s. Rahee Industries Limited, Calcutta to the grant of a patent on the application No. 183356 (707/Ca/95) by M/s. Hindustan Development Corporation Limited, Calcutta has been dismissed.

An opposition entered by M/s. BWG Butzbacher Weichenbau Gesellschaft M.B.H. & Co. K.G, Germany to the grant of a patent on application No. 183356 (707/Ca/95) by M/s. Hindustan Development Corporation Limited, Calcutta has been dismissed.

**AMENDMENT UNDER RULE 123**

In pursuance of leave granted under Rule 123 of the Patents Rules 1972, the name of the Applicants in respect of Patent Application No. 217/Ca/95 renumbered as No. 192221 dated 1st March, 1995 in the name of "Philips Electronics N.V." has been allowed to proceed in the name of "Koninklijke Philips Electronics N.V.", of Groenewoudseweg 1, 5621 BA Eindhoven, The Netherlands.

In pursuance of leave granted under Rule 123 of the Patents Rules 1972, the name of the Applicants in respect of Patent Application No. 218/Ca/95 renumbered as No. 192222 dated 1st March, 1995 in the name of "Philips Electronics N.V." has been allowed to proceed in the name of "Koninklijke Philips Electronics N.V.", of Groenewoudseweg 1, 5621 A Eindhoven, The Netherlands.

**APPLICATION UNDER SECTION 20(1) OF THE PATENTS ACT, 1970**

In pursuance of leave granted Under Section 20(1) of the patents Act, 1970 application No. 45/Del/99 (186910) of IMPERIAL CHEMICAL INDUSTRIES PLC, a British Company of Imperial Chemical House, Millbank, London SW1P 3JF, England, has been allowed to proceed in the name of INEOS FLUOR HOLDINGS LIMITED, a British Company of First Floor Offices, Queens Gate, 15-17 Queens Terrace, Southampton, Hampshire, SO14 3BP, United Kingdom.

In pursuance of leave granted Under Section 20(1) of the patents Act, 1970 application No. 298/Del/94 (187446) of IMPERIAL CHEMICAL INDUSTRIES PLC, a British Company of Imperial Chemical House, Millbank, London SW1P 3JF, United Kingdom, has been allowed to proceed in the name of INEOS FLUOR HOLDINGS LIMITED, a British Company of First Floor Offices, Queens Gate, 15-17 Queens Terrace, Southampton, Hampshire, SO14 3BP, United Kingdom.

In pursuance of leave granted under Section 20(1) of the Patents Act, 1970, Patent Application No. 1729/Ca/96 (188949) in the name of Daewoo Electronics Co. Ltd. has been allowed to proceed in the name of "Daewoo Electronics Corporation".

**AMENDMENT PROCEEDINGS UNDER SECTION 57**

In pursuance of leave granted Under Section 57 of the Patents Act, 1970 application No. 1699/Del/97 (186424) Queen's University at Kingston, Kingston, Ontario, K7L 3 N6, Canada, a Canadian Company The new address for service as M/s ANAND & ANAND, Advocates B-41, Nizamuddin East, New Delhi-110013 has been allowed.

In pursuance of leave granted Under Section 57 of the Patents Act, 1970 application No. 45/Del/99 (186910) INEOS FLUOR HOLDINGS LIMITED, a British company of First Floor Offices, Queens Gate, 15-17 Queens Terrace, Southampton, Hampshire SO 14 3BP, United Kingdom, The new address for service as M/s Remfry & Sagar, Remfry House at the Millennium Plaza Sector 27, Gurgaon-122002 National Capital Region India has been allowed.

In pursuance of leave granted Under Section 57 of the Patents Act, 1970 application No. 324/Del/92 (187004) of AMOCO CORPORATION, a corporation organised and existing under the laws of the State of Indiana, United States of America, of 200 E, Randolph Drive, Chicago, Illinois 60601, United States of America has been allowed to proceed at the name of BP CORPORATION NORTH AMERICA INC. of 200 E, Randolph

Drive, Chicago Illinois 60601, United States of America and the address for service M/s Remfry & Sagar, Attorneys-at-law Remfry House At Millennium Plaza, Sector 27 Gurgaon-122002, National Capital Region, India.

In pursuance of leave granted Under Section 57 of the Patents Act, 1970 application No. 3274/Del/1997 (187038) of RHONE-POULENCE RORER S.A., a French body corporate, of 20, avenue Raymond Aron, F-92160 Antony, France has been allowed to proceed at the name of AVENTIS PHARMA S.A., a French body corporate, of 20, avenue Raymond Aron, F-92160 Antony, France.

In pursuance of leave granted Under Section 57 of the Patents Act, 1970 application No. 298/Del/94 (187446) INEOS FLUOR HOLDINGS LIMITED, a British Company of First Floor Offices, Queens Gate, 15-17 Queens Terrace, Southampton, Hampshire SO143BP, United Kingdom, The new address for service as M/s Remfry & Sagar, Attorneys-at-law Remfry House At Millennium Plaza, Sector 27, Gurgaon-122002 National Capital Region, India, has been allowed.

#### RESTORATION PROCEEDINGS UNDER SECTION 60 OF THE PATENT ACT 1970

Notice is hereby given that an application for restoration of patent No. 184364 dated 26.06.1991 made by DOMINO PRINTING SCIENCES PLC, on 27.06.2003, advertised in Official Gazette of India Part III, Section-2 on 10.04.2004 has been allowed and said patent is restored.

Notice is hereby given that an application for restoration of patent No. 185875 dated 10.06.1992 made by EXXON CHEMICAL PATENTS, INC, on 10.06.2003, advertised in Official Gazette of India Part III, Section-2 on 14.02.2004 has been allowed and said patent is restored.

#### RENEWAL FEES PAID

##### KOLKATA FROM 08.06.2004 TO 26.08.2004

187102 191124 183467 185458 178671 177558 174297 183246 177594 189892 183117 182261 178439  
174367 176294 182662 181893 189659 183174 176052 177569 191778 184276 176487 183763 189652  
187670 181400 184215 191591 184320 176296 181608 189648 186699 191372 189400 190136 182130  
174546 178823 189647 181764 191306 190516 190125 175545 182211 176301 189646 182123 191387  
188641 190124 183536 191528 183748 189644 184446 191370 185772 190123 190370 191433 184754  
188447 176999 191310 185251 190122 176286 191566 182563 186478 177508 178665 182473 190086  
189985 191464 175982 183814 184759 181639 181466 190084 174838 191471 178524 191120 179442  
179215 179742 189645 183221 191440 178197 178432 178331 174462 174524 185780 178708 188907  
178431 185109 179561 179930 172862 182658 190209 185108 178353 184214 178609 181653 175999  
180620 189369 184250 178352 183703 179058 181597 184217 183118 175215 184195 176489 191443  
184218 181720 186599 191449 185729 184154 179443 188944 176287 177364 189979 191619 177020  
183908 176506 177353 176492 187864 191384 191592 190443 183705 191211 176306 191369 177985  
181894 191392 177617 183070 191156 191446 181379 187188 182901 189984 177785 183450 191113  
191649 177771 189236 184274 189908 179024 181609 191119 179362 177507 176992 182591 184153  
185453 176627 188935 183673 185101 191754 186222 183547 173045 189368 190139 189464 179939  
191642 173456 177660 175213 187339 191151 188015 187867 182333 177546 190209 172567 188649  
189977 182254 176998 181916 175592 189987 182472 190921 177959 189636 173973 181706 173059  
189907 183464 179059 182170 189635 176207 174467 173349 188447 184811 190227 177784 189535  
190368 187547 172390 186960 177776 190222 183266 189534 191476 184029 189535 186172 183548  
190217 187459 189467 183762 183068 182534 184192 178363 181673 190927 189465 183645 190216  
184241 173272 175560 191125 190515 189450 191399 190121 184216 175646 174832 190226 190191  
184521 191374 190082 184194 189538 185342 190224 189988 184152 189894 189905 184193 183820  
185473 190215 181813 178331 176185 183448 190521 189990 183702 190204 177881 178529 177033  
191431 183565 183765 184242 190202 191157 189977 170889 185110 183357 175545 177684 190193

191127 186543 173262 177029 182074 191470 177556 187967 191052 182201 191386 179101 191389  
188945 173053 179949 191123 181337 191368 181867 190521 179363 182712 178667 190935 178798  
191219 177665 189976 181389 179233 179074 175774 181818 189228 185256 185103 181679 191526  
191734 182192 189644 189649 173244 172922 181610 191465 191693 172359 176233 189986 183646  
181765 177438 191598 191521 176041 175865 190441 183569 184444 189909 189645 181467 177571  
175652 187390 175549 183392 181861 188198 177588 171867 175624 189399 182036 178430 181598  
183541 191448 177557 175585 188705 191888 178429 189087 181640 190444 185682 181388 189115  
190518 178210 188948 182313 190526 187051 184023 177562 191031 176075 183370 181925 174291  
176352 183551 181660 174918 183449 191971 177796 188607 183568 181349 188568 181348 184244  
190576 174591 189659 188648 178320 182858 175192 190519 190575 183236 189892 188485 191779  
179817 177668 190517 190572 185281 190703 171560 185282 188939 175974 184522 190540 183607  
178752 183647 191779 191986 180772 181705 190839 183816 184315 177801 190363 179025 189235  
191056 190524 173134 191976 180612 183368 185961 178760 190929 190523 180650 178668 187251  
181927 184814 176320 190916 187260 177481 183967 184243 190522 184813 173242 190442 173035  
175280 192130 183369 183794 188569 191887 191213 176197 175279 182825 189896 184151 174920  
191160 190520 174880 175050 174919 184275 183735 171868 190406 185602 183739 182165 191524  
179746 177471 190405 176218 191738 181539 191600 179566 178758 190366 190447 191447 180713  
191435 180483 183379 190365 190446 190930 175942 191480 179924 187336 188130 190445 190925  
179192 191442 176514 177629 185683 190402 190918 178422 191563 177607 175625 182052 179654  
190917 184992 191529 183250 184816 179359 190369 190708 190573 178516 187132 190707 183650  
184631 189789 181707

## PATENTS SEALED ON 27-08-2004/KOLKATA

192092 192095 192098 192121 192125 192202 192211 192218 192275 192282 192283 192287

## KOLKATA—12

## PATENT SEALED ON 10-08-2004 (CHENNAI)

191931 191932 191942 191951 191954

## PATENT SEALED ON 13-08-2004

191934 191937 191957 191959 191962 191963 19968 191970





## PATENT SEALED ON 19-08-2004 (CHENNAI)

191720 191943 191946 191947 191950 191952 191964

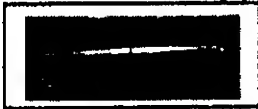



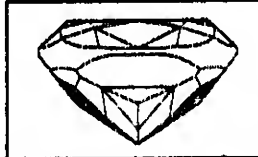
**REGISTRATION OF DESIGNS**



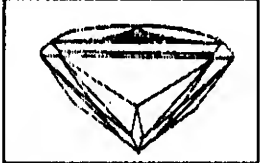
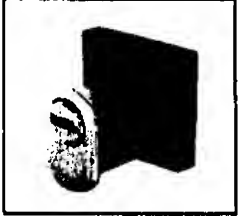

The following designs have been registered. They are open for public inspection from the date of registration. (Colour combination if any, is not shown in the representation)






The dates shown in the following each entry is the date of registration.


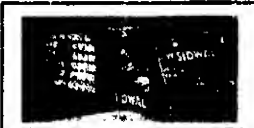
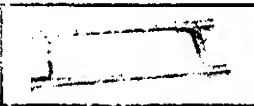
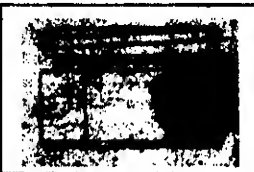

Class	09-01	No.194247. M/S. SAKUNTALA PLASTIC, 195, G-A-MAHESHPUR INDUSTRIAL ESTATE, VARANASI, U.P. INDIA. "BOTTLE" 12.01.2004.	
Class	06-01	No.194460. NILKAMAL PLASTICS LTD., OF SURVEY NO.-354/2 & 354/3, NEAR RAKHOLI BRIDGE, SILVASSA-KHANVEL ROAD, VILLAGE VASONA, SILVASSA(D & N.H.), (U.T.), INDIA, INDIAN COMPANY. "CHAIR" 06.02.2004	
Class	06-01	No.194461. NILKAMAL PLASTICS LTD., OF SURVEY NO.-354/2 & 354/3, NEAR RAKHOLI BRIDGE, SILVASSA-KHANVEL ROAD, VILLAGE VASONA, SILVASSA(D & N.H.), (U.T.), INDIA, INDIAN COMPANY. "CHAIR" 06.02.2004	
Class	12-11	No.194344. M/S. JOGINDER SINGH TEJVINDER SINGH OF STATION ROAD, OPPOSITE-DHANDARI RAILWAY STATION, LUDHIANA-141010, (PUNJAB), INDIA, "CARRIER FOR BICYCLES" 23.01.2004	




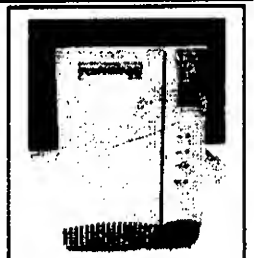
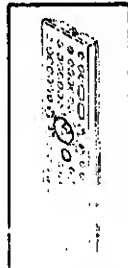






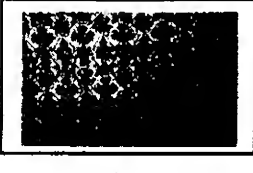
<b>Class</b>	<b>08-09</b>	<b>No.194720. M/S. JEM ELECTRONICS,9, JASMIN BUILDING, KHANPUR, AHMEDABAD-380001. GUJARAT, INDIA. "DOOR CLOSER" 03.03.2004</b>	
<b>Class</b>	<b>08-06</b>	<b>No.194356. ITALIK METALWARE PVT. LTD. G: 212-215, LODHIKA, G.I.D.C., KALAWAD ROAD, METODA, RAJKOT-360003, GUJARAT, INDIA. "KNOB" 20.01.2004</b>	
<b>Class</b>	<b>08-06</b>	<b>No.194357. ITALIK METALWARE PVT. LTD. G: 212-215, LODHIKA, G.I.D.C., KALAWAD ROAD, METODA, RAJKOT-360003, GUJARAT, INDIA. "HANDLE" 20.01.2004</b>	
<b>Class</b>	<b>05-05</b>	<b>No.192800. M/S.SUPREME VELVET PRIVATE LIMITED (INDIAN COMPANY) 1873, MAIN ROAD, SHANTI NAGAR, TRI NAGAR, DELHI: -110 035 (INDIA), "TEXTILE FABRIC" 07.08.2003</b>	
<b>Class</b>	<b>11-01</b>	<b>No.193460. SIMAN-TOV JACOB, SIMAN-TOV, ITZHAK, SIMAN-TOV, AVRAHAM AND SIMAN - TOV, SHAI, ALL OF THE DIAMOND-EXCHANGE -MACCABI BUILDING, JABOTINSKY STREET, RAMAT GAN 52520, ISRAEL. "GEMSTONE" 30.07.2003 (RECIPROCITY, ISRAEL)</b>	

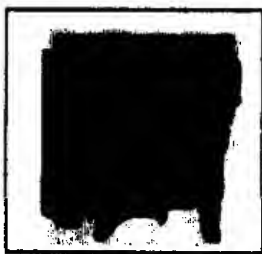


<b>Class</b>	<b>03-04</b>	<b>No.193690. KHAITAN (INDIA) LIMITED, AN INDIAN COMPANY OF 46C, JAWAHAR LAL NEHRU ROAD, KOLKATA: -700 071, W.B., INDIA. "CEILING FAN" 11.11.2003</b>	
<b>Class</b>	<b>12-11</b>	<b>No.193995. YAMAHA HATSUDOKI KABUSHIKI KAISHA, 2500 SHINGAI, IWATA-SHI, SHIZUOKA-KEN, JAPAN, A JAPANESE CORPORATION. "MOTOR CYCLE" 10.12.2003.</b>	
<b>Class</b>	<b>11-01</b>	<b>No.193296. FERAYIM DREZNER, 10, HATEENA STREET, SHAAREI TIKVA, ISRAEL, "GEMSTONE" 23.03.2003 (RECIPROCITY, ISRAEL)</b>	
<b>Class</b>	<b>08-07</b>	<b>No.194030. NEW ENTERPRISES, APOLLO CHAMBERS, GROUND FLOOR, GALA NO. 6, MOGRA VILLAGE ANDHERI EAST, MUMBAI-400069, MAHARASHTRA, INDIA. "FURNITURE LOCK" 18.12.2003</b>	
<b>Class</b>	<b>09-03</b>	<b>No.193883. BIJAY KUMAR AGARWAL, OF 127 DAMJI SHAMJI UDYOG BHAVAN, VEERA DESAI ROAD, ANDHERI (W), MUMBAI-400053, MAHARASHTRA, INDIA. "CONTAINER" 25.11.2003</b>	

Class	09-01	No.193888. HINDUSTAN LEVER LIMITED, AT HINDUSTAN LEVER HOUSE, 165/166, BACKBAY RECLAMATION, MUMBAI: -400 020, MAHARASHTRA, INDIA. "BOTTLE" 27.11.2003	
Class	12-16	No.193997. YAMAHA HATSUDOKI KABUSHIKI KAISHA, 2500 SHINGAI, IWATA-SHI, SHIZUOKA-KEN, JAPAN, A JAPANESE CORPORATION. "TANK FOR MOTOR CYCLE" 10.12.2003.	
Class	13-03	No.193942. EMCO ELECTRONICS OF EMCO ELECTRONICS OF 302 VASAN UDYOG BHAVAN, SENAPATI BAPAT MARG, OPP. PHOENIX MILL/BIG BAZAR, LOWER PAREL (W), MUMBAI-400013, MAHARASHTRA, INDIA. "AN AUTOMATIC VOLTAGE REGULATING RELAY FOR POWER TRANSFORMER" 10.11.2003	
Class	02-04	No.194408. SHAKTI ENTERPRISES, OF J-33, UDYOG NAGAR, DELHI: -110 041 (INDIA). "SOLE OF FOOTWEAR" 27.01.2004	
Class	02-04	No.194407. SHAKTI ENTERPRISES, OF J-33, UDYOG NAGAR, DELHI: -110 041 (INDIA). "SOLE OF FOOTWEAR" 27.01.2004	

Class	08-03	No.192525. ALBRASSCO, 104b, CHANDU PARK, KRISHAN NAGAR, Delhi-110051. "cutter" 04.07.2003	
Class	23-04	No.194343. SIDWAL REFRIGERATION INDUSTRIES PVT. LTD. OF PLOT 23, SECTOR 6, FARIDABAD 121006, HARYANA, INDIA. "LOCO CAB AIR CONDITIONER" 23.01.2004	
Class	08-06	No.193731. M/S. KICH INDUSTRIES, HAVING THEIR OFFICE AT ATIKA, DHEBAR ROAD (SOUTH) RAJKOT-2, INDIA, BOTH INDIAN NATIONALS. "HANDLES, KNOB AND HINGES (PULL HANDLE/ GLASS DOOR HANDLE MADE OF STAINLESS STEEL) 06.11.2003	
Class	09-01	No.194370. MEHTACHEM INDUSTRIES, AMRUTMANTHAN HOUSE, SADAR, RAJKOT-360001, STATE OF GUJARAT, INDIA. "BOTTLE" 23.01.2004	
Class	28-03	No.194537. CRYSTAL PLASTICS & METALLIZING PVT. LTD., AT SANGHI HOUSE, PALKHI GALLI, OFF VEER SAVARKAR MARG, PRABHADEVI, MUMBAI- 400 025, MAHARASHTRA, INDIA. "COMB" 12.02.2003	

<b>Class</b>	<b>23-04</b>	<b>No.194342. SIDWAL REFREGARATION INDUSTRIES PVT. LTD. OF PLOT 23, SECTOR 6, FARIDABAD 121006, HARYANA, INDIA. "ROOF MOUNTED CAB AIR CONDITIONER" 23.01.2004</b>	
<b>Class</b>	<b>13-03</b>	<b>No.193557. ELMEX CONTROLS PVT. LTD. OF 12, G.I.D.C., MAKARPURA, VADODARA-390010, GUJARAT STATE, INDIA. "LIGHTING POLE TERMINAL" 20.10.2003</b>	
<b>Class</b>	<b>13-03</b>	<b>No.193558. ELMEX CONTROLS PVT. LTD. OF 12, G.I.D.C., MAKARPURA, VADODARA-390010, GUJARAT STATE, INDIA. "LIGHTING POLE TERMINAL" 20.10.2003</b>	
<b>Class</b>	<b>13-02</b>	<b>No.192965. POWERWARE INTERNATIONAL PVT. LTD. 4, COMMUNITY CENTRE, PANCHSHEEL PARK, NEW DELHI-110017, INDIA. "UNINTERRUPTED POWER SUPPLY EQUIPMENT". 21.08.2003</b>	
<b>Class</b>	<b>14-03</b>	<b>No.193692. SONY COMPUTER ENTERTAINMENT INC. OF 2-6-21, MINAMI-AOYOMA, MINATO-KU, TOKYO 107-0062, JAPAN, A CORPORATION OF JAPAN."REMOTE CONTROL" 06.10.2003 (RECIPROCITY, JAPAN)</b>	

<b>Class</b>	<b>24-01</b>	<b>No.194861. TREBHUWAN SINGH RAMAN OF VILLAGE MAHANIPUR, POST-SARH, TAHSIL-GHATAMPUR, DISTT. KANPUR (U.P.) INDIA. "RYLE'S TUBE PROTECTION BELT" 16.03.2004</b>	
<b>Class</b>	<b>05-05</b>	<b>No.194865. IDEAPLUS EXPORTS (INDIA) PVT. LTD. 7/K, LAXMI INDUSTRIAL ESTATE, NEW LINK ROAD, ANDHERI (W), MUMBAI-400053, MAHARASHTRA, INDIA. "TEXTILE FABRICS" 17.03.2004</b>	
<b>Class</b>	<b>05-05</b>	<b>No.194866. IDEAPLUS EXPORTS (INDIA) PVT. LTD. 7/K, LAXMI INDUSTRIAL ESTATE, NEW LINK ROAD, ANDHERI (W), MUMBAI-400053, MAHARASHTRA, INDIA. "TEXTILE FABRICS" 17.03.2004</b>	
<b>Class</b>	<b>05-05</b>	<b>No.194867. IDEAPLUS EXPORTS (INDIA) PVT. LTD. 7/K, LAXMI INDUSTRIAL ESTATE, NEW LINK ROAD, ANDHERI (W), MUMBAI-400053, MAHARASHTRA, INDIA. "TEXTILE FABRICS" 17.03.2004</b>	
<b>Class</b>	<b>05-05</b>	<b>No.193848. . CHAMUNDI TEXTILES (SILK MILLS) LTD. OF B-206 BRIGADE MAJESTIC, # 26 FIRST MAIN ROAD, GANDHI NAGAR, BANGALORE-560 009, KARNATAKA, INDIA, AN INDIAN COMPANY. "TEXTILE FABRIC" 21.11.2003</b>	

Class	13-03	No.193556. ELMEX CONTROLS PVT. LTD. OF 12, G.I.D.C., MAKARPURA, VADODARA-390010, GUJARAT STATE, INDIA. "LIGHTING POLE TERMINAL" 20.10.2003	
Class	13-03	No.193555. ELMEX CONTROLS PVT. LTD. OF 12, G.I.D.C., MAKARPURA, VADODARA-390010, GUJARAT STATE, INDIA. "LIGHTING POLE TERMINAL" 20.10.2003	
Class	11-01	No.192972. TARA JEWELS EXPORT LIMITED, AT G-44, GEMS JEWELLERY COMPLEX NO.1, SEEPZ, ANDHERI (EAST), MUMBAI-400 096, MAHARASHTRA, INDIA, "BRACELET" 22.08.2003.	

S. CHANDRASEKARAN  
Controller General of Patents Designs & Trade Marks